

# FAX and VOICE COMMUNICATION THROUGH PSTN AS KNOWN IN THE ART

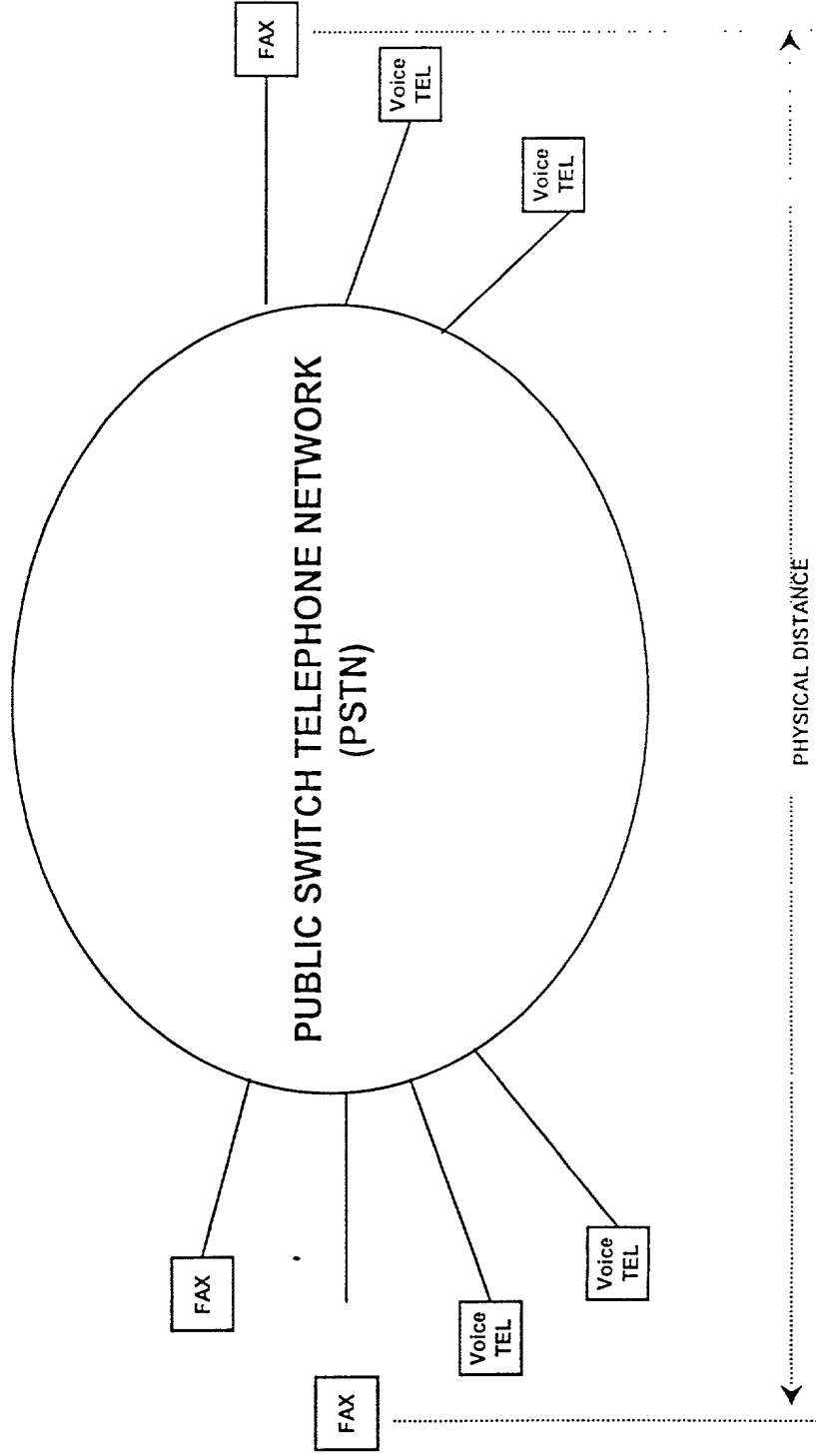


FIG. 1

COST OF a CALL = PHYSICAL DISTANCE of SENDER and RECEIVER + TIME ELAPSE of CALL

DATA NETWORK CONSTRUCT AS  
KNOWN IN THE ART

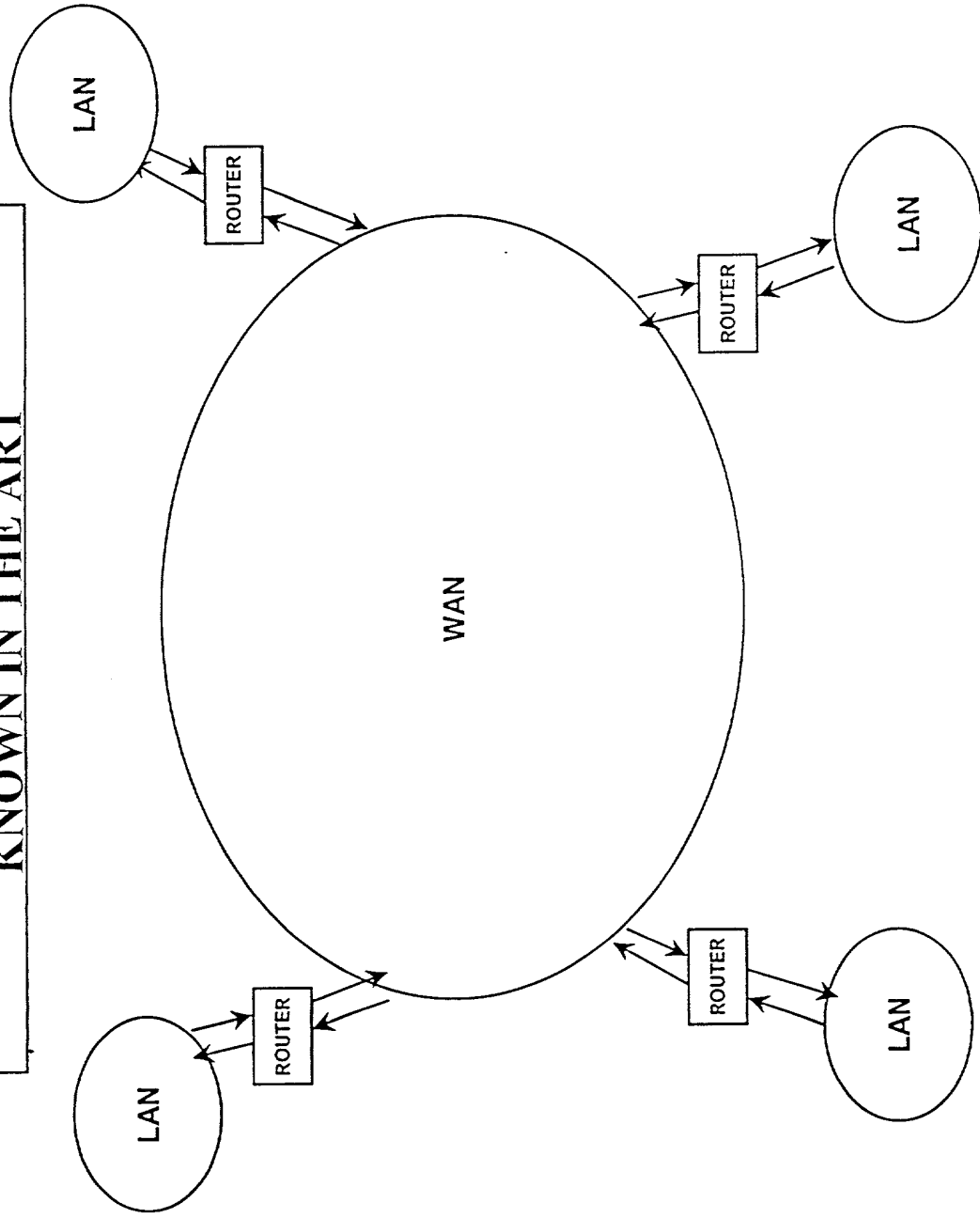


FIG. 2

COST of DATA TRANSMISSION = TRANSMISSION SIZE. or FLAT FEE

# PRIOR ART FAX Through PSTN to CENTRAL SERVER SERVER to WAN to DATA NETWORK END STATION

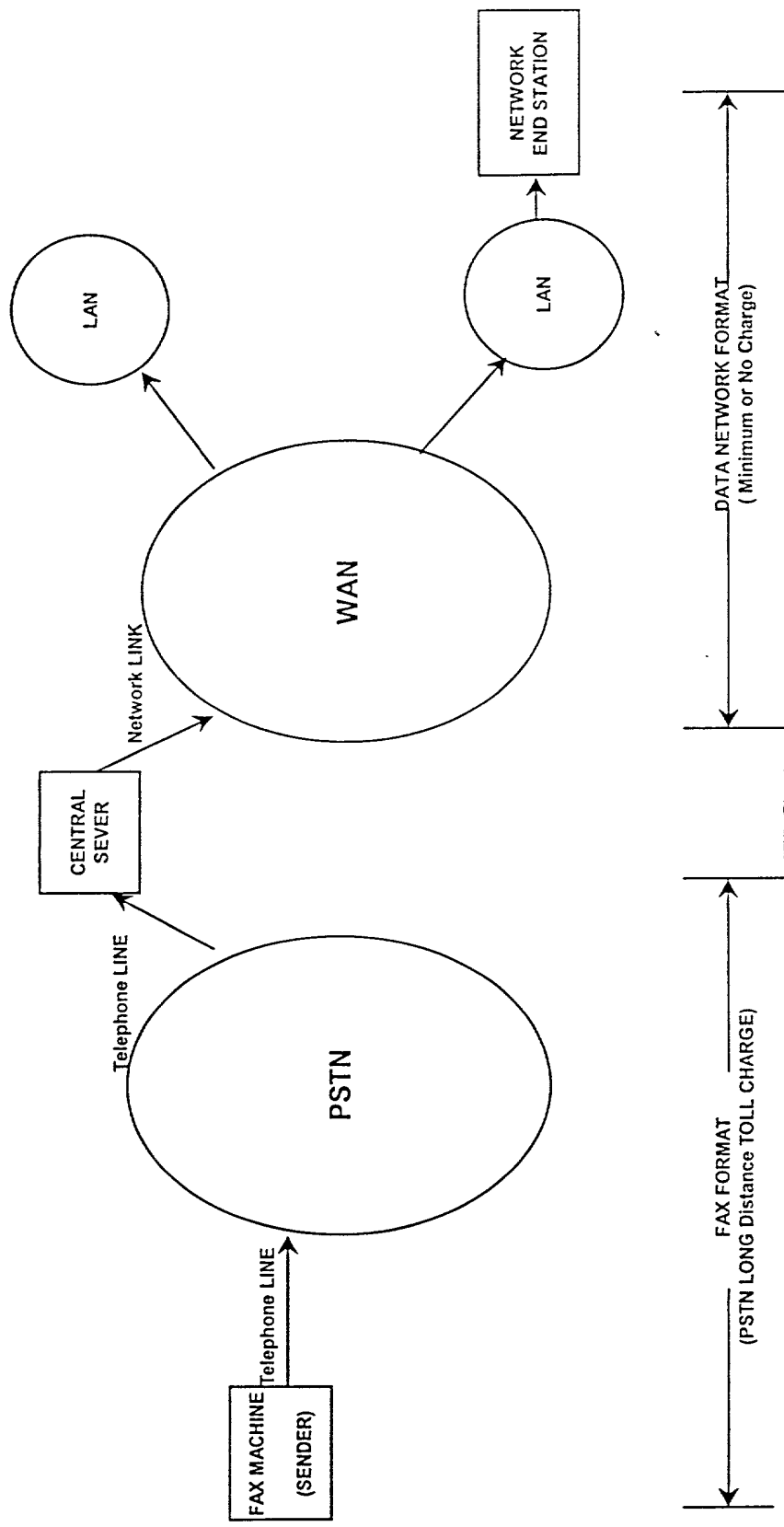


FIG. 3

# PRIOR ART FAX Through PSTN to LOCAL SEVER LOCAL SEVER to WAN to REMOTE SEVER REMOTE SEVER to PSTN to Rx FAX

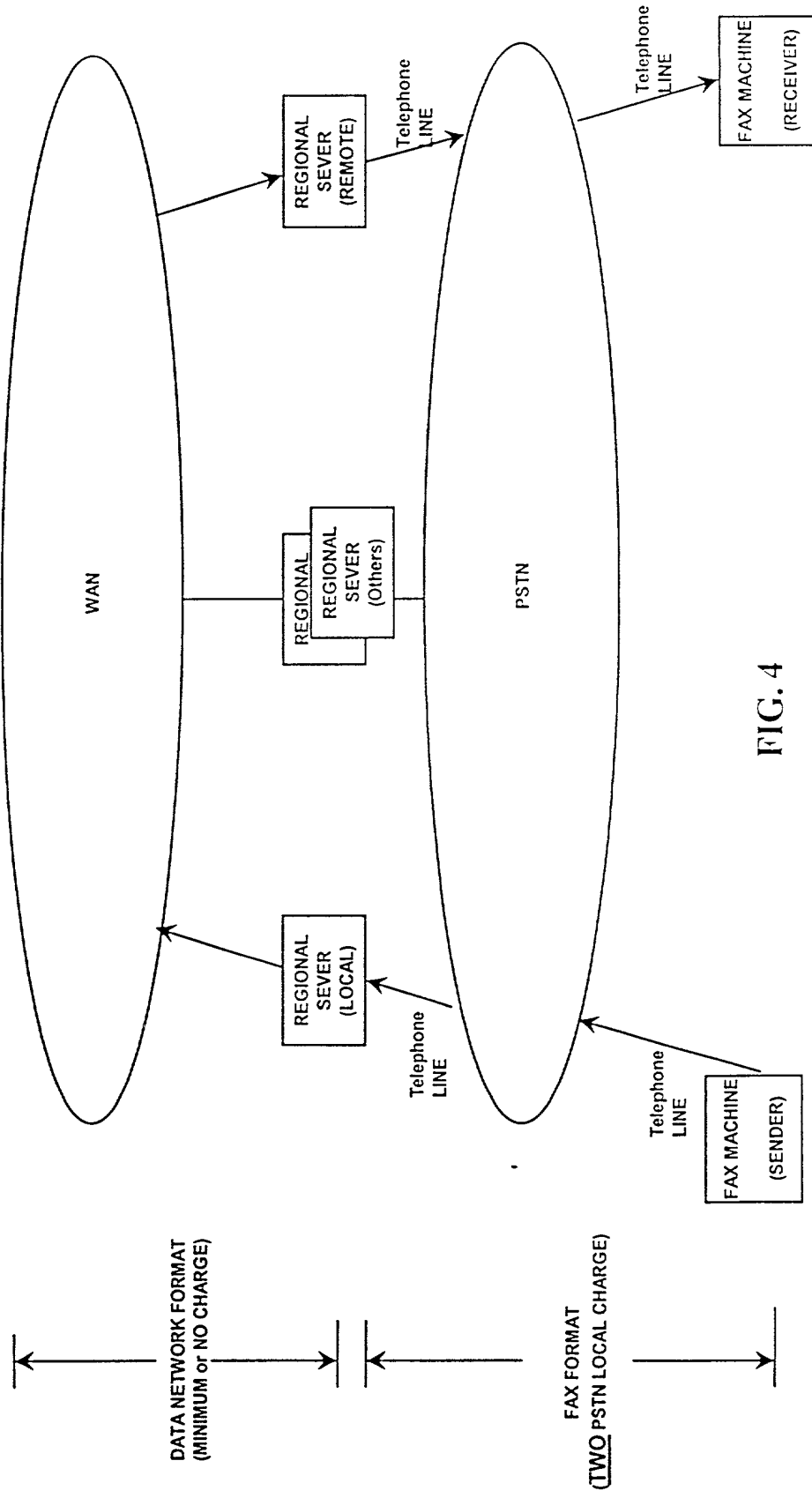


FIG. 4

FIG. 5 is a block diagram of a prior art unique IP system construct.

# PRIOR ART UNIQUE IP SYSTEM CONSTRUCT

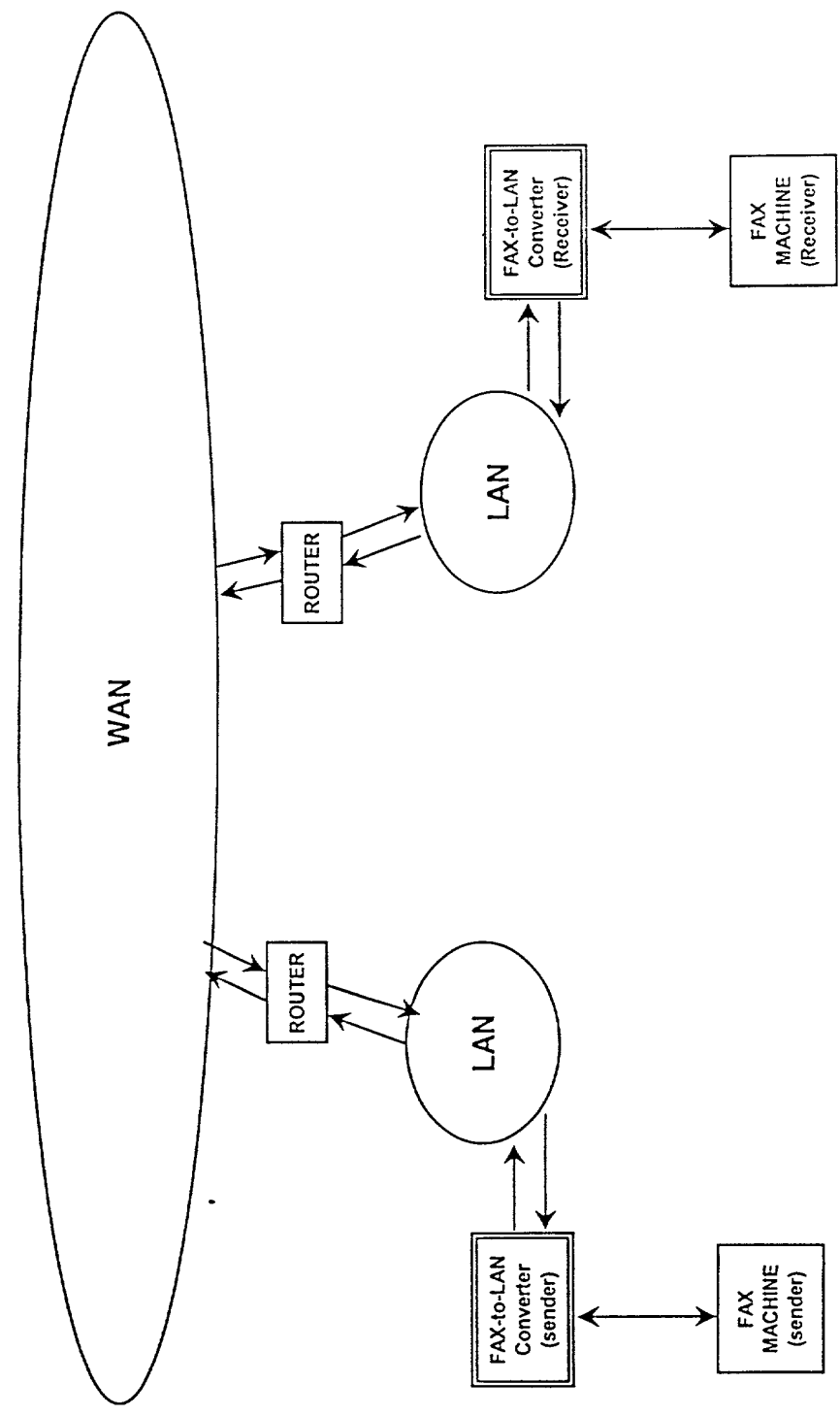


FIG. 5

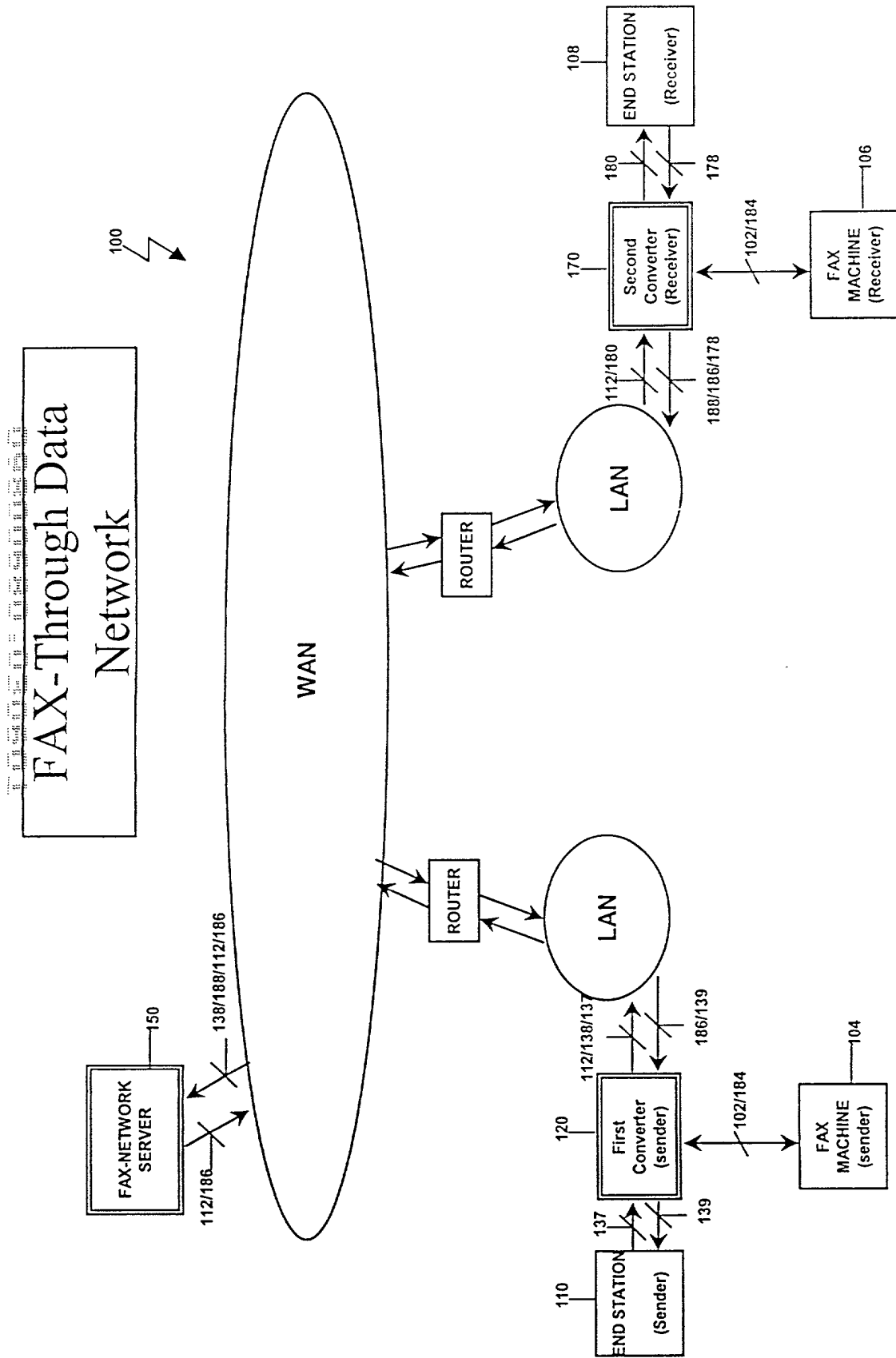


FIG. 6

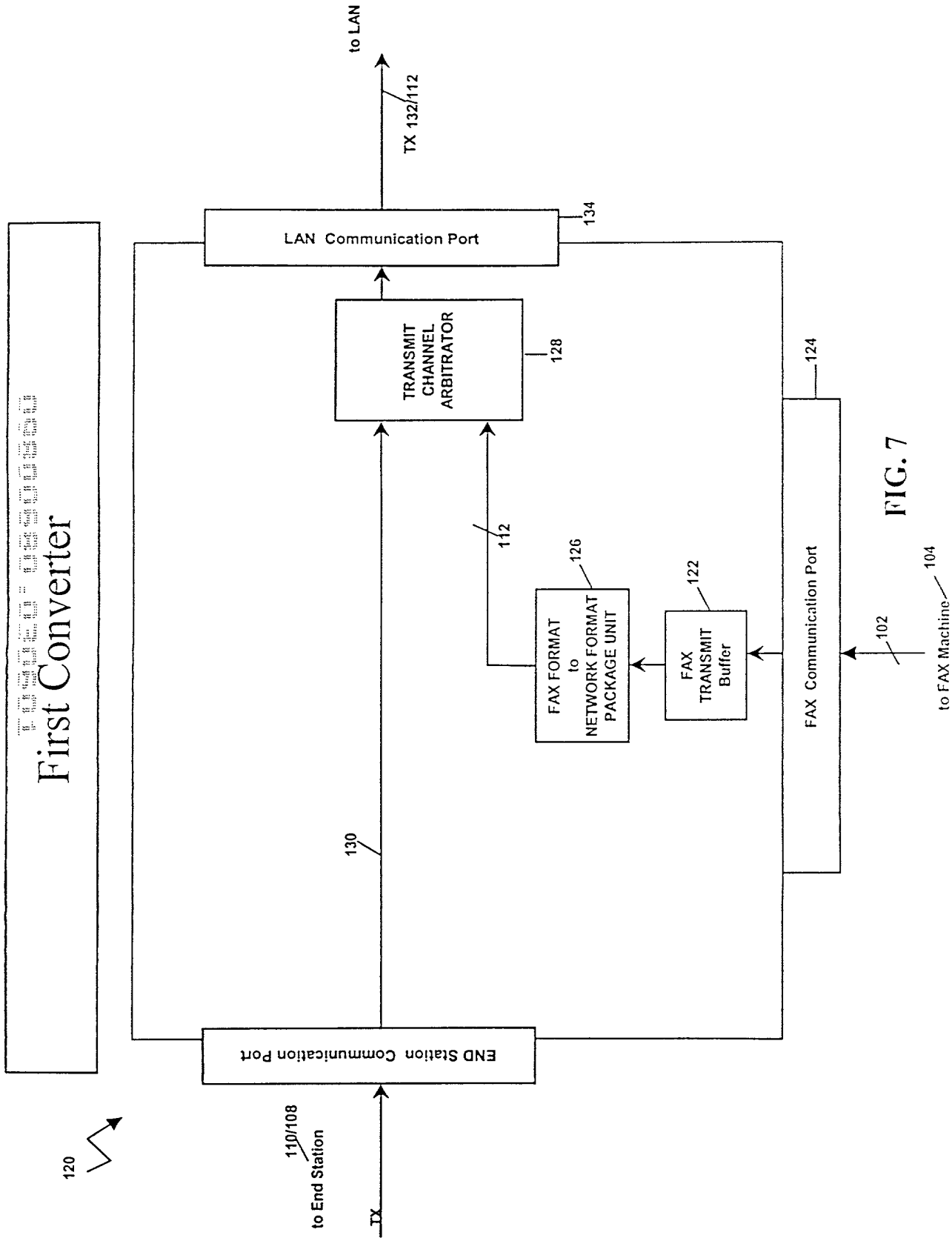


FIG. 7

# FAX NETWORK SERVER

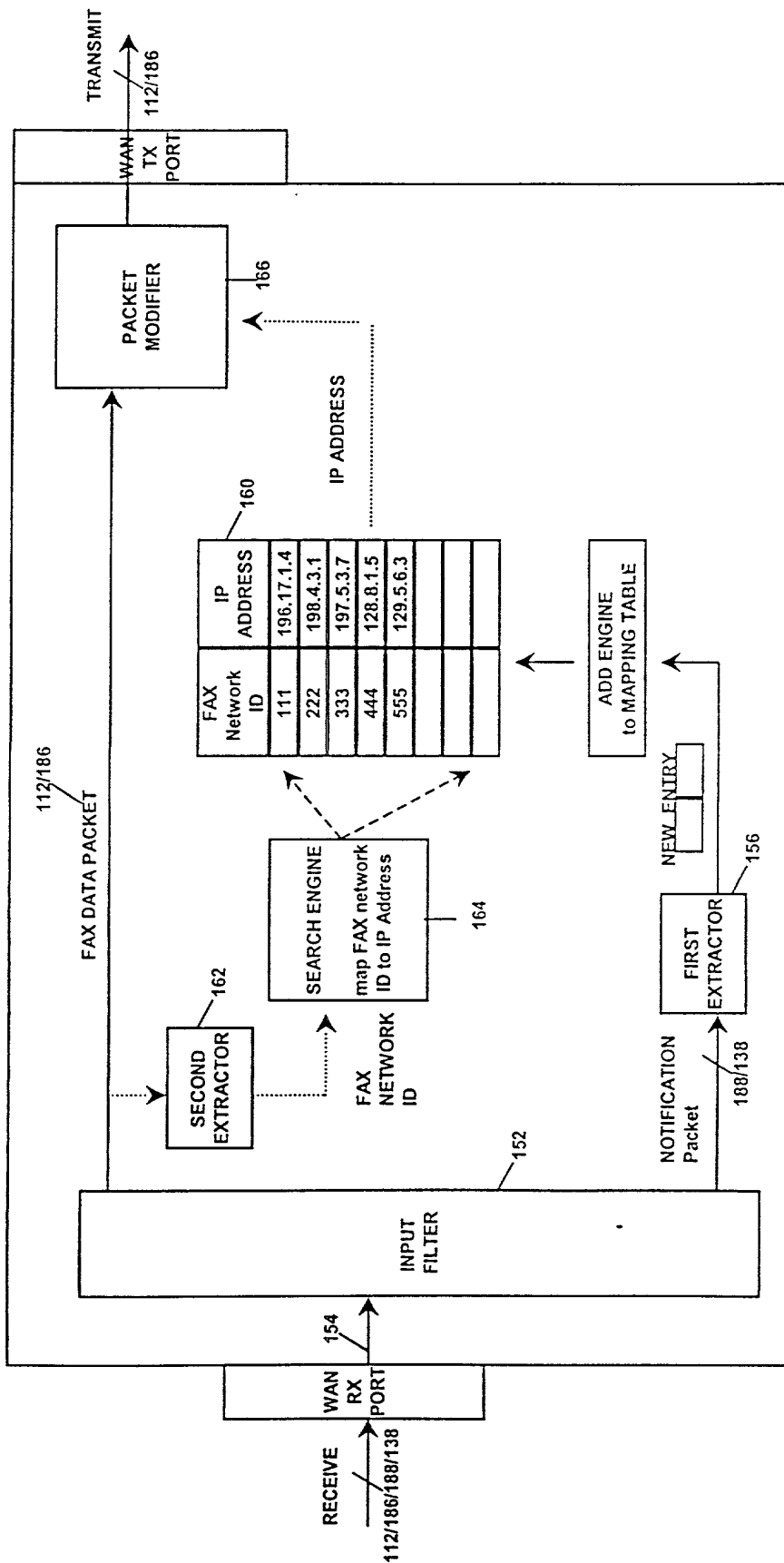


FIG. 8



# Second Converter

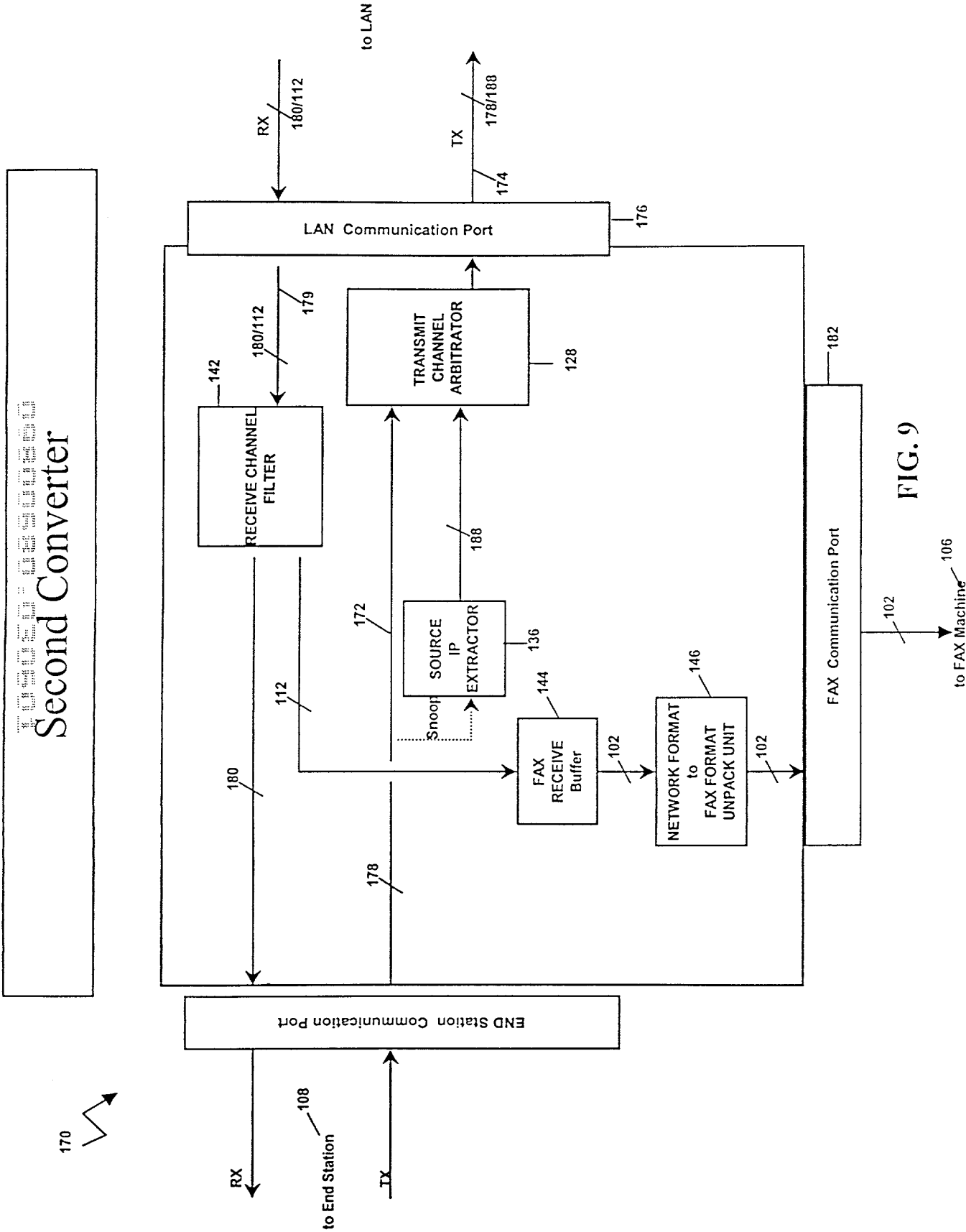


FIG. 9

# First Converter

120A

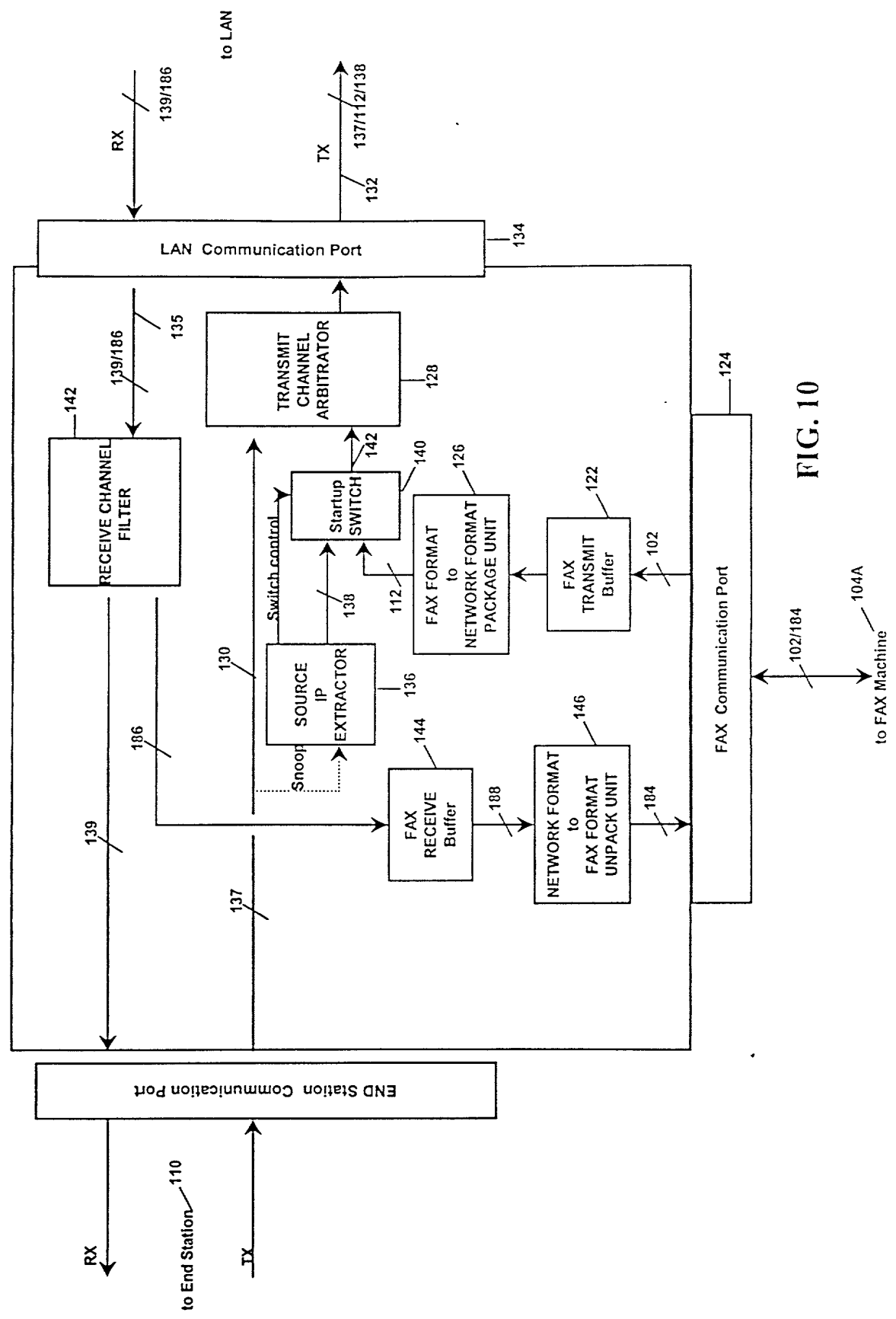


FIG. 10

Second Converter

# Second Converter

170A

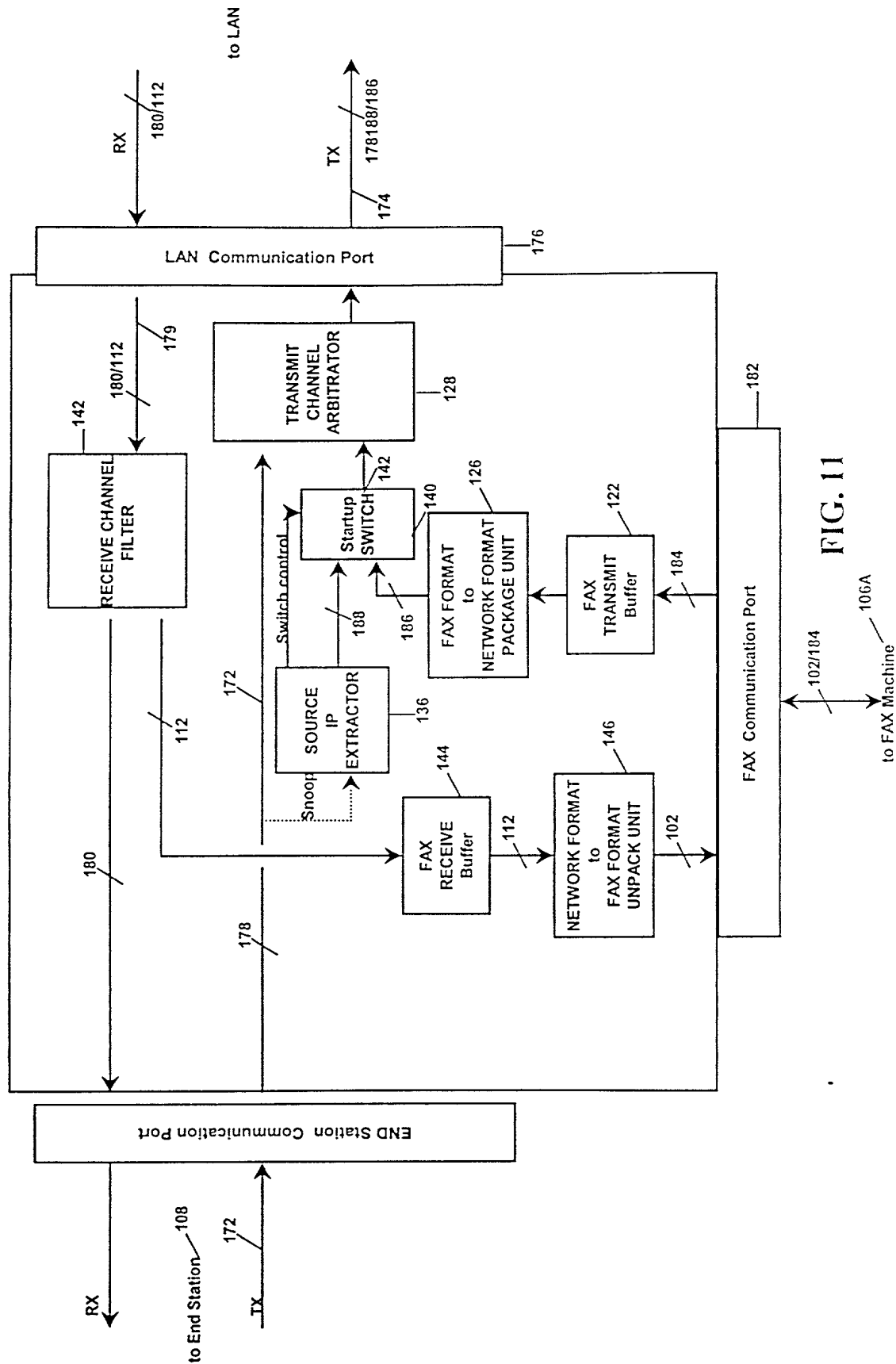


FIG. 11

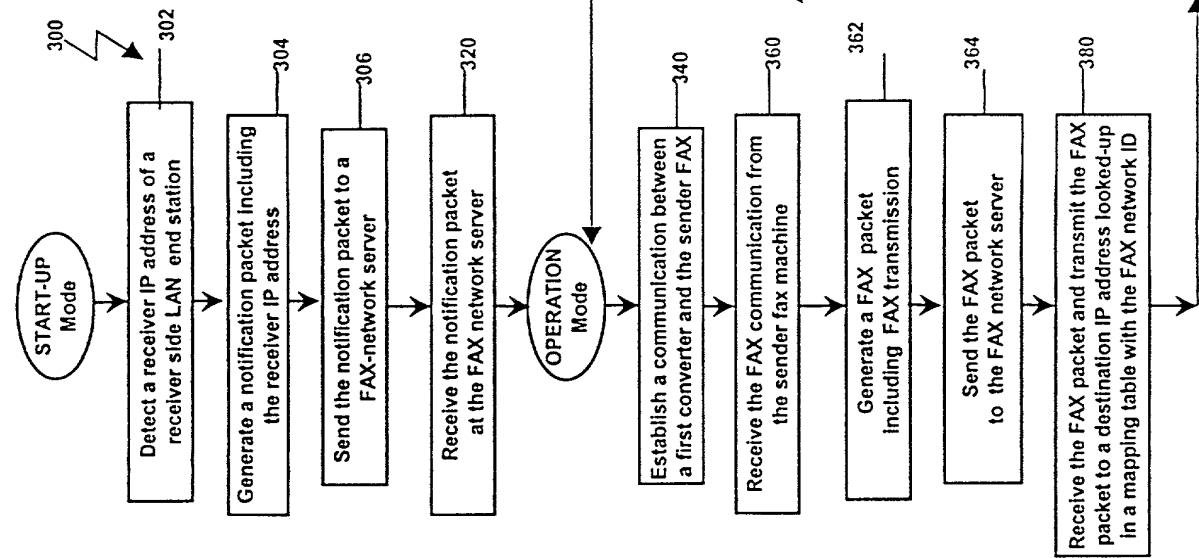


FIG. 12A

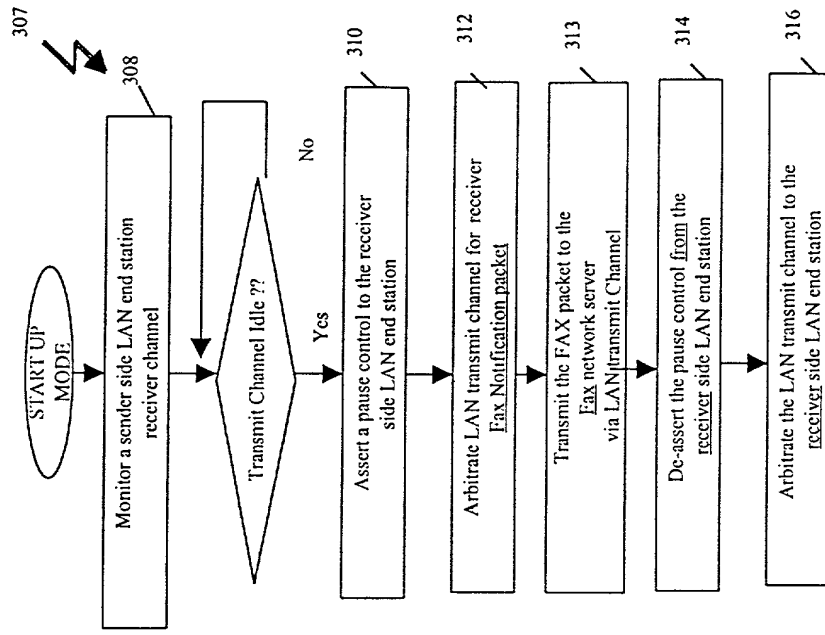
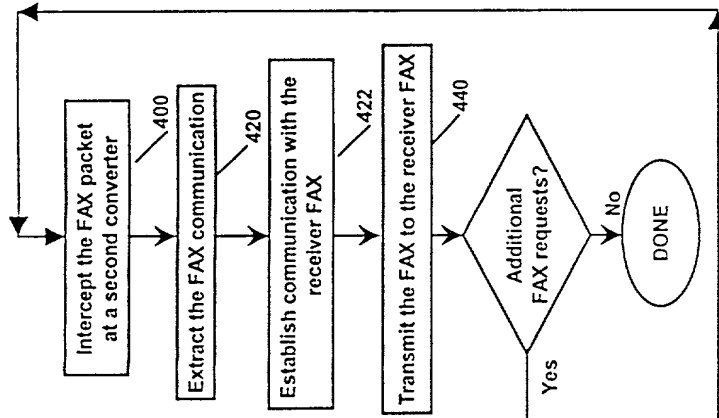


FIG 13

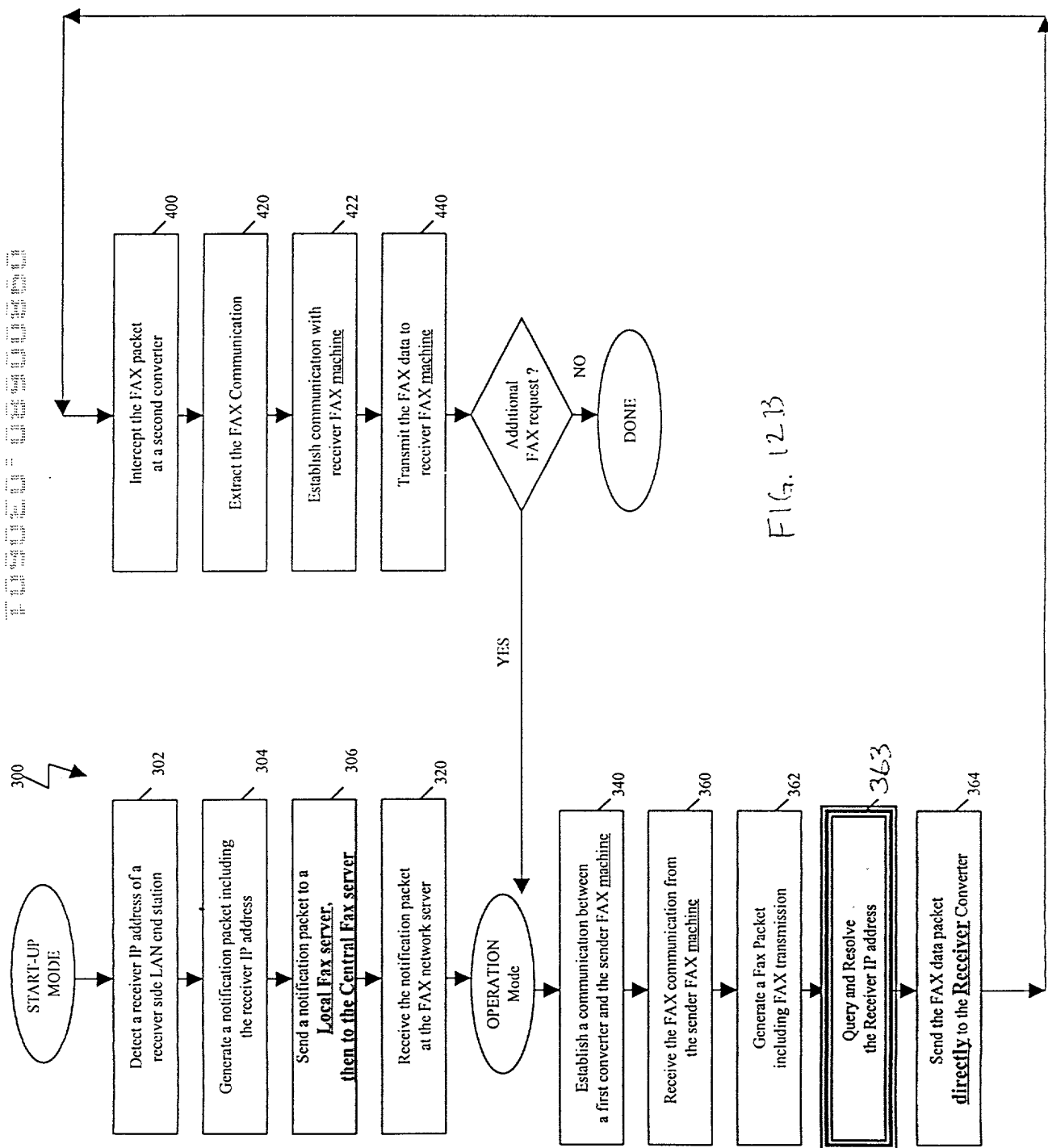


FIG. 12B

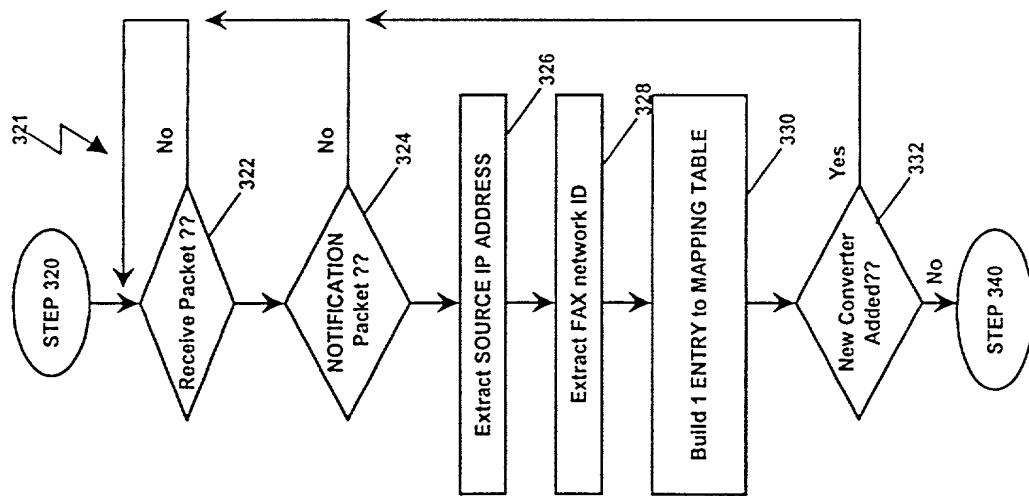


FIG. 14A

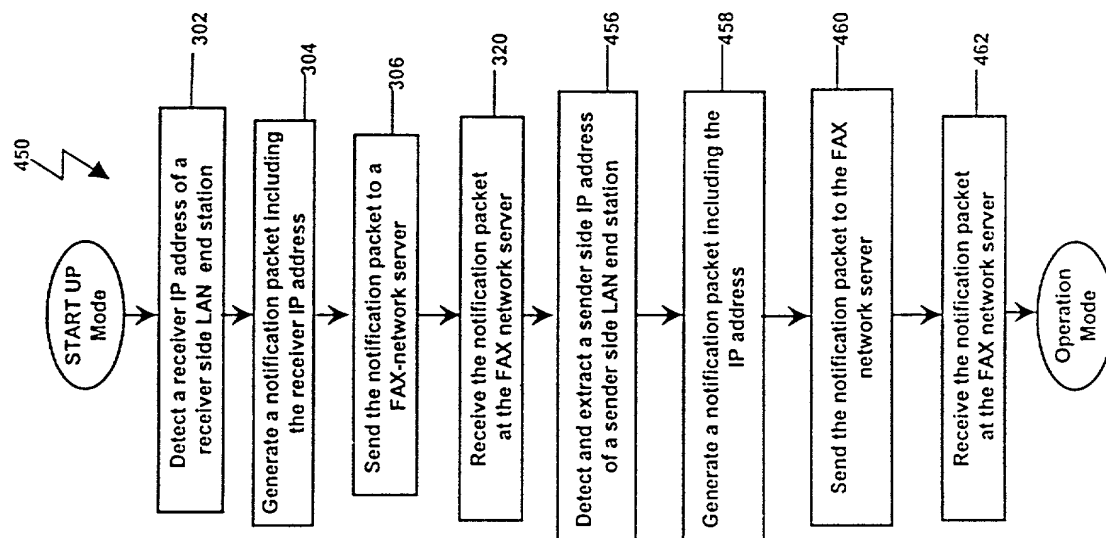


FIG. 15

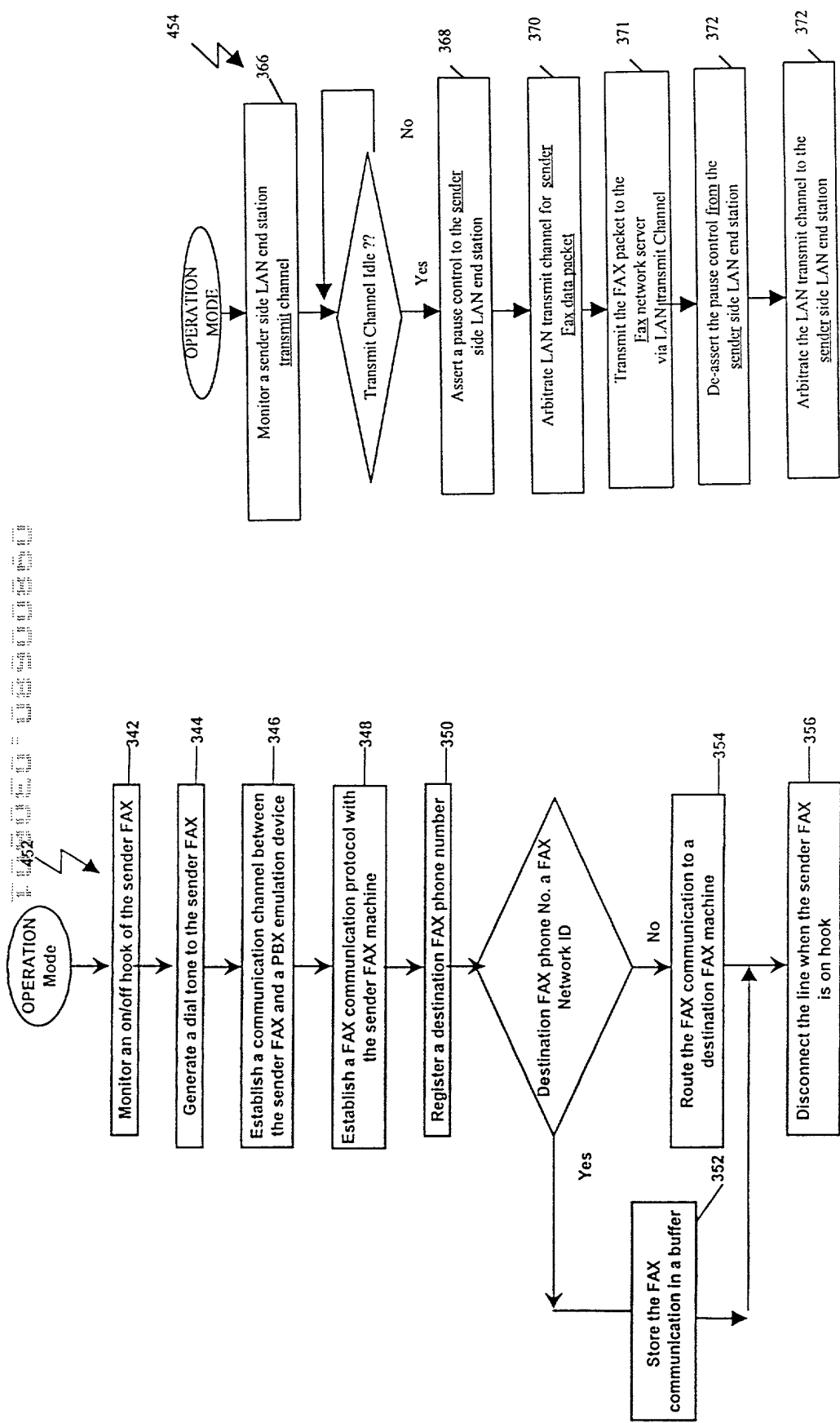


FIG. 16

FIG 17A

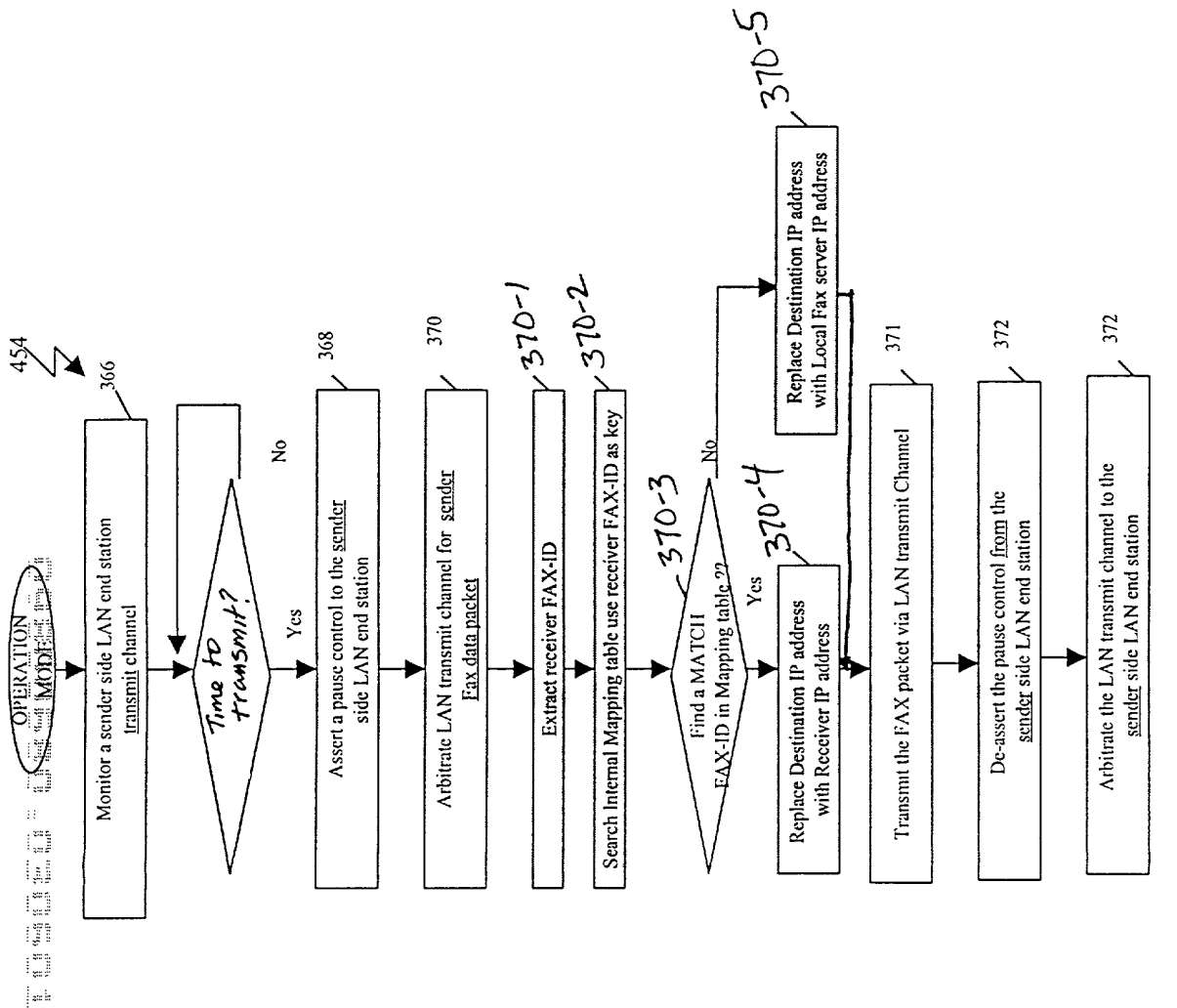


FIG 17C

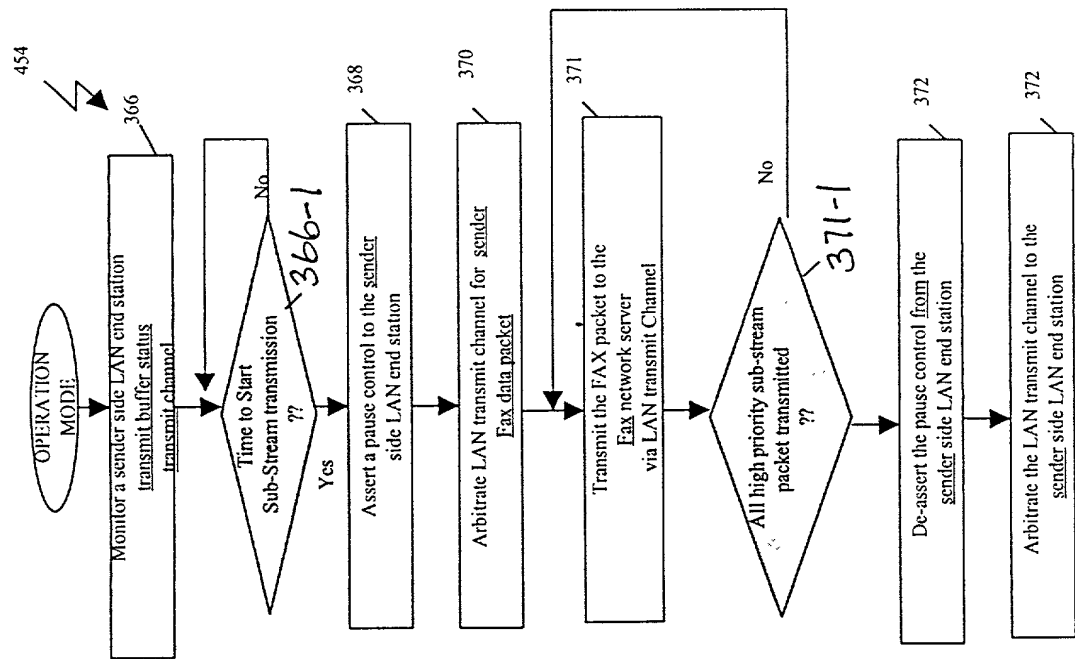


FIG 17B



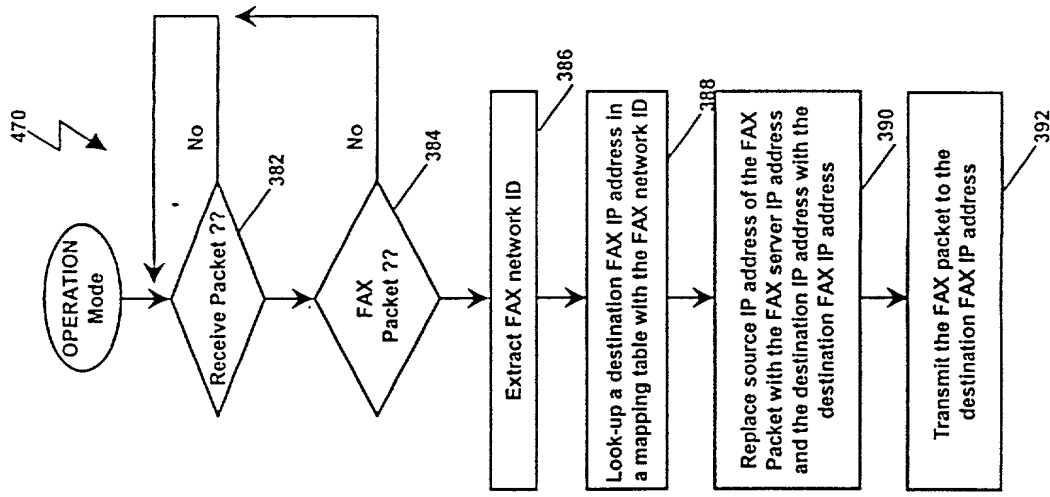


FIG. 18A

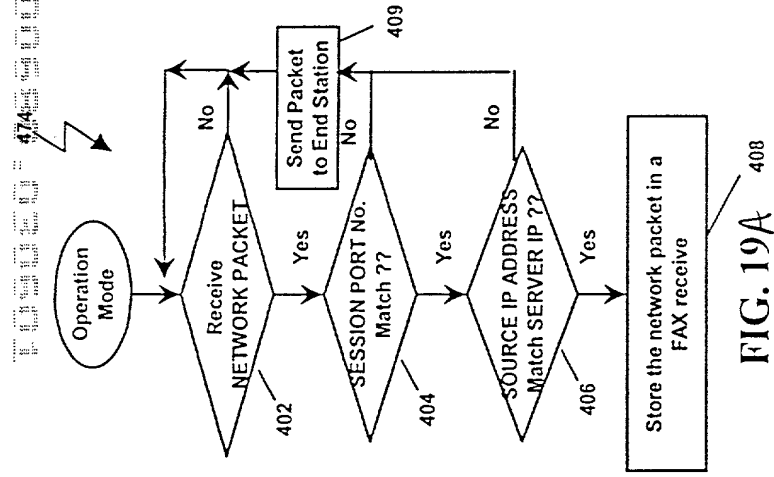


FIG. 19A

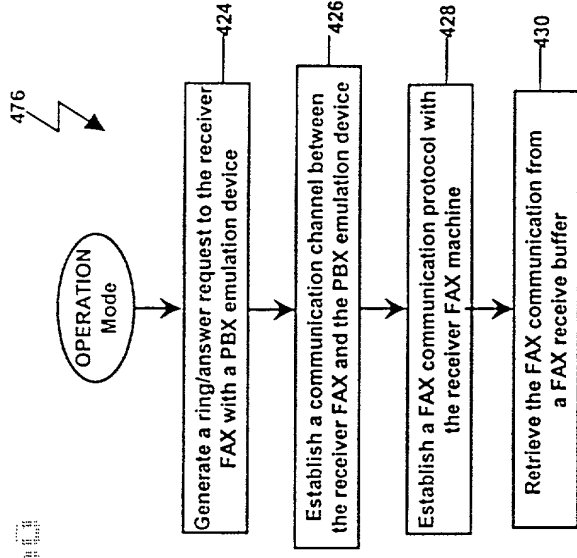


FIG. 20

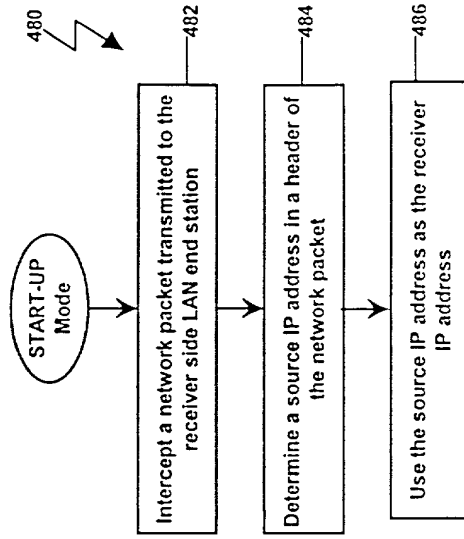


FIG. 21

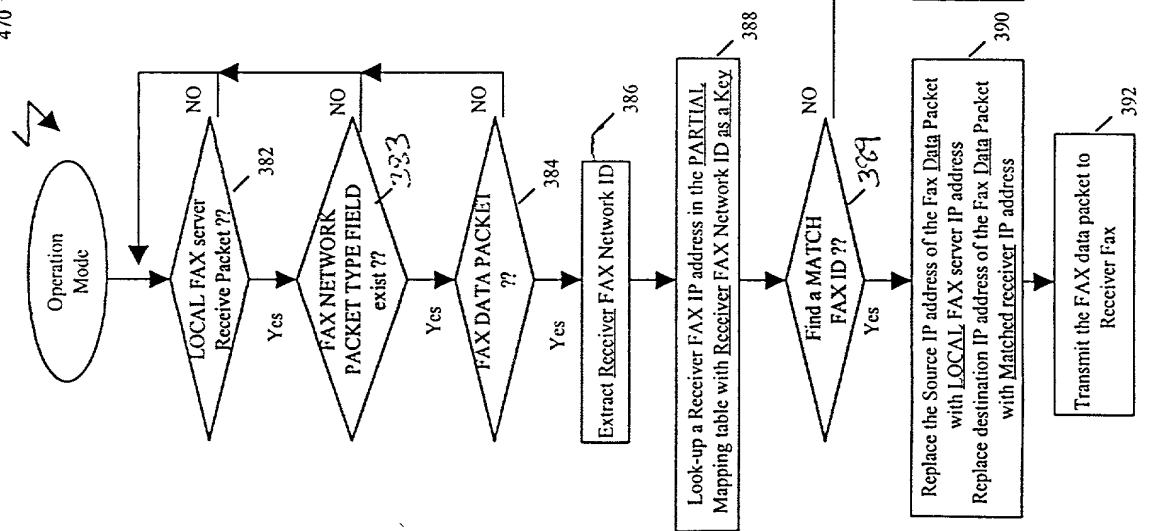
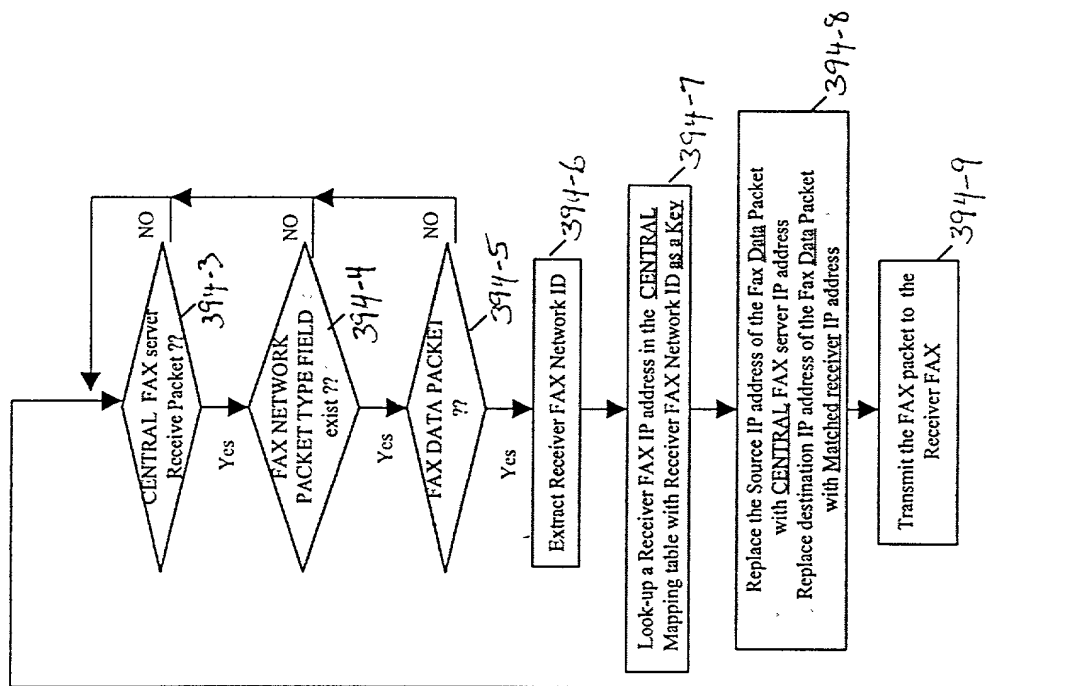


Fig 18B



# Embedded FAX Network Packet Type Field for Packet indentification and intercept

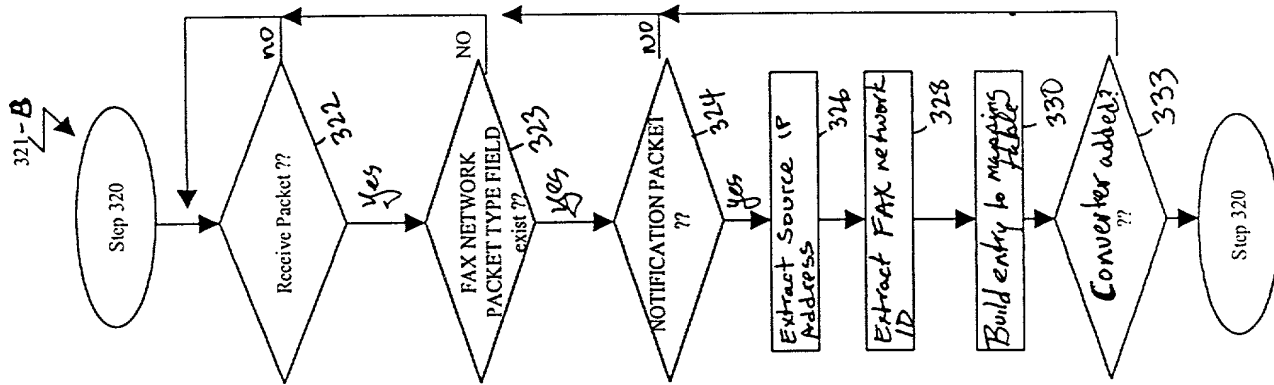


Fig 14B

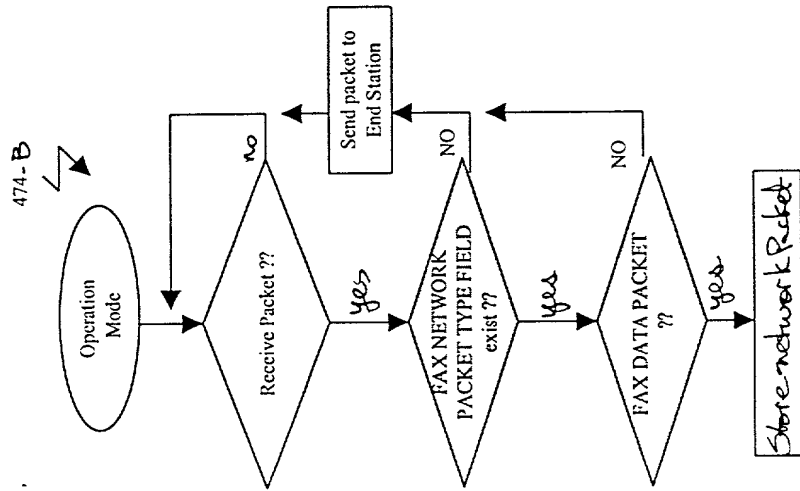


FIG. 19B

# SHARE IP SINGLE APPLIANCE CONFIGURATION

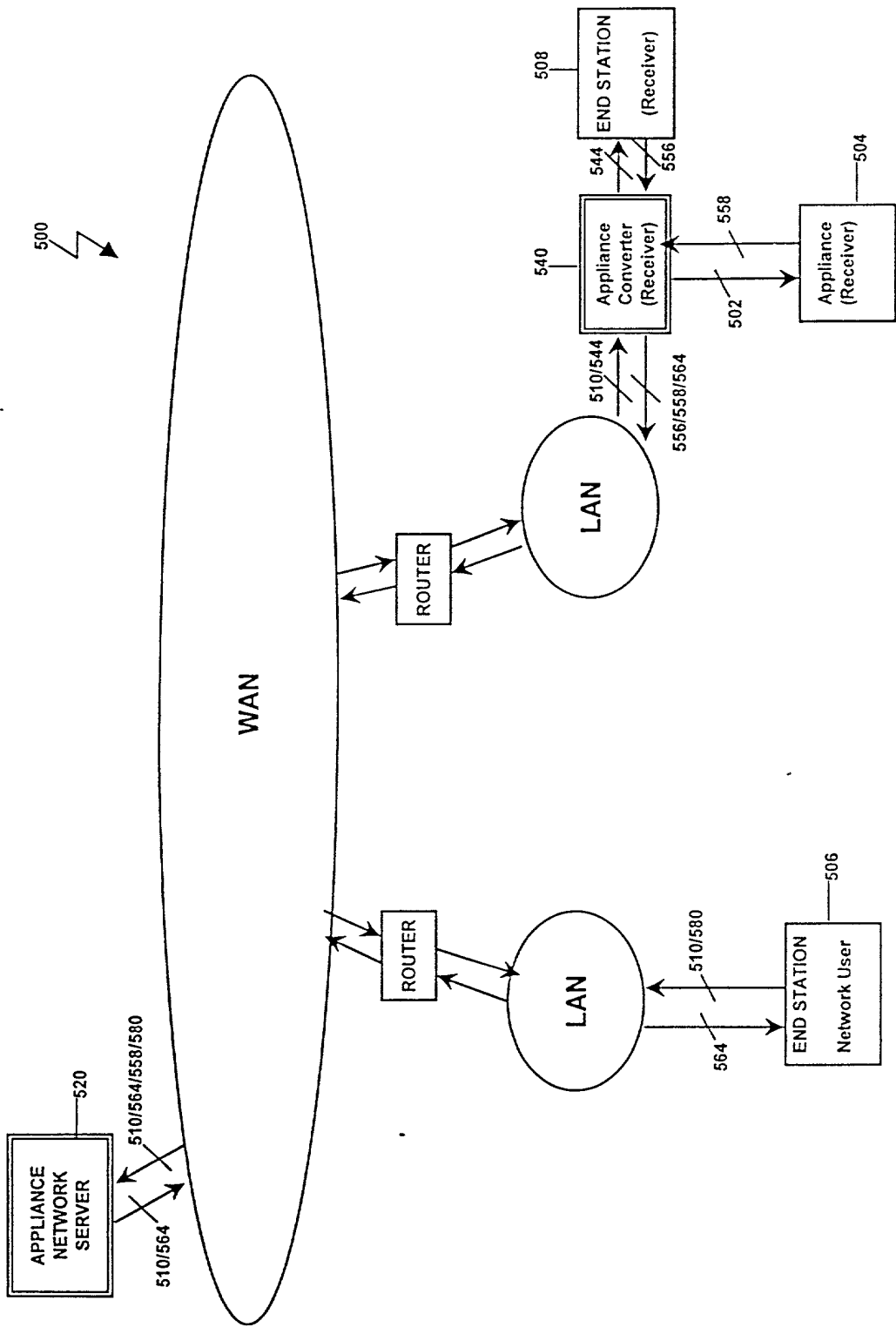


FIG. 22

# SHARE IP Appliance Converter

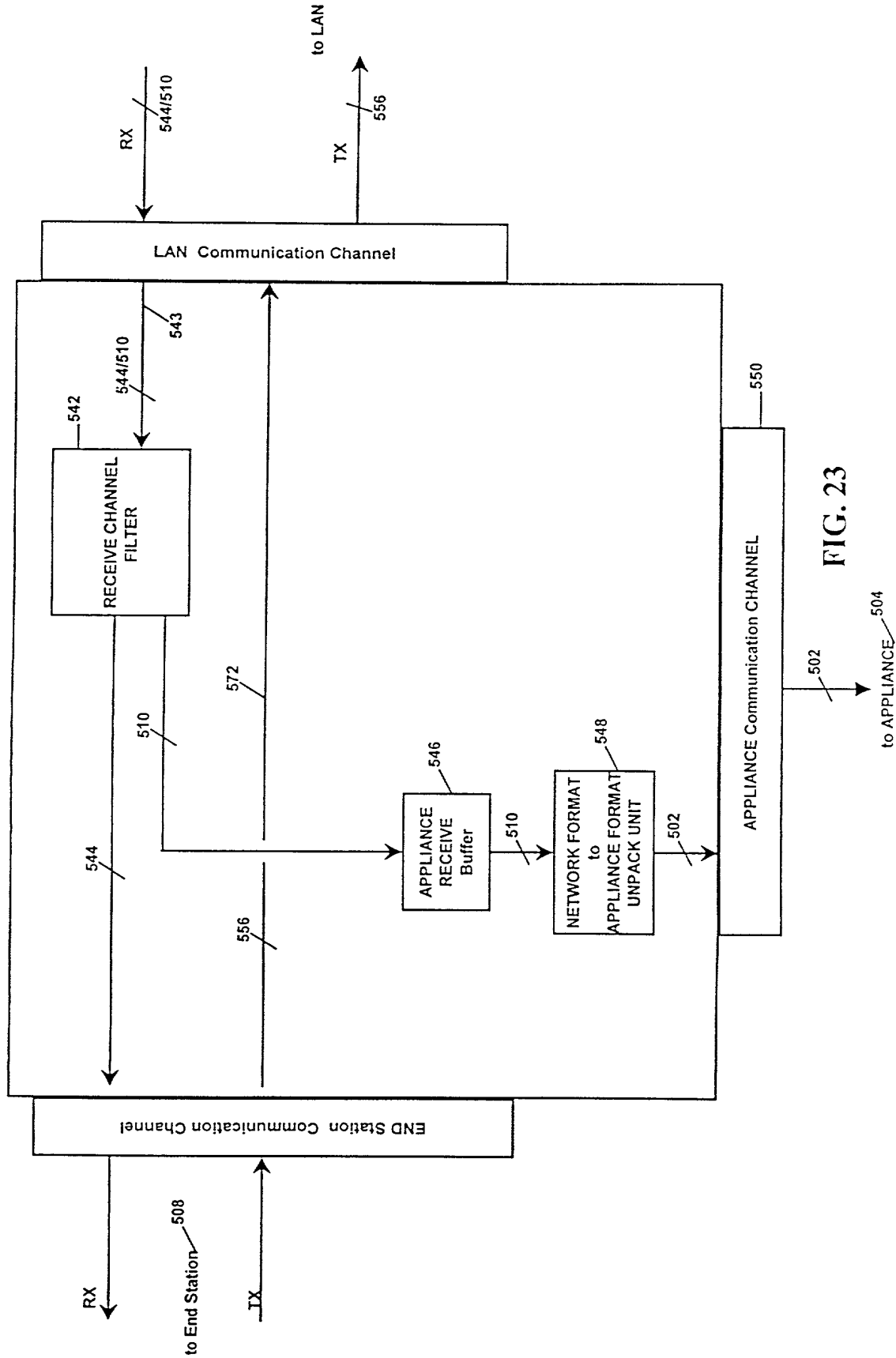


FIG. 23

# SHARE IP Appliance Converter

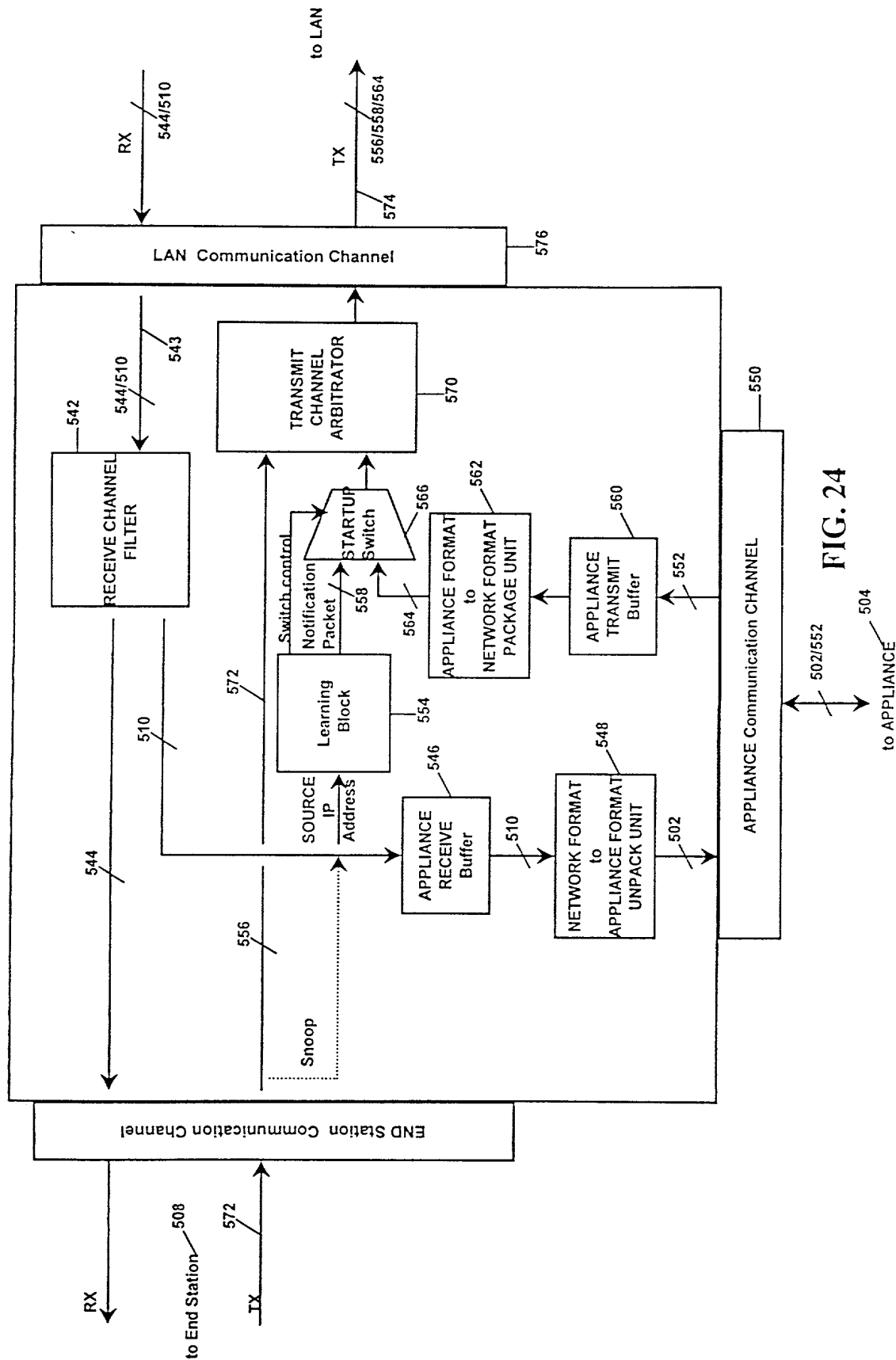


FIG. 24

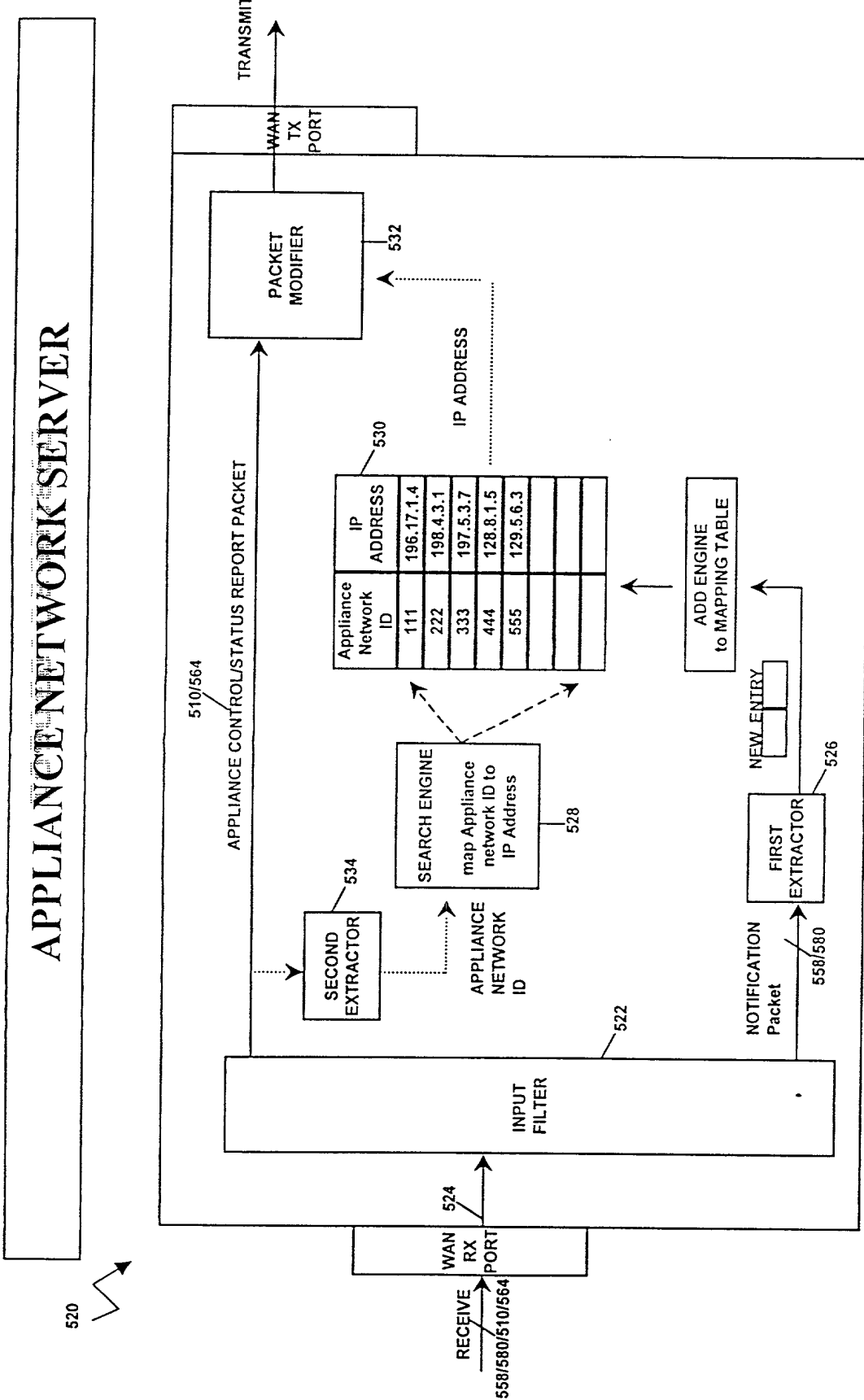


FIG. 25

# DAISY CHAIN APPLIANCE CONFIGURATION

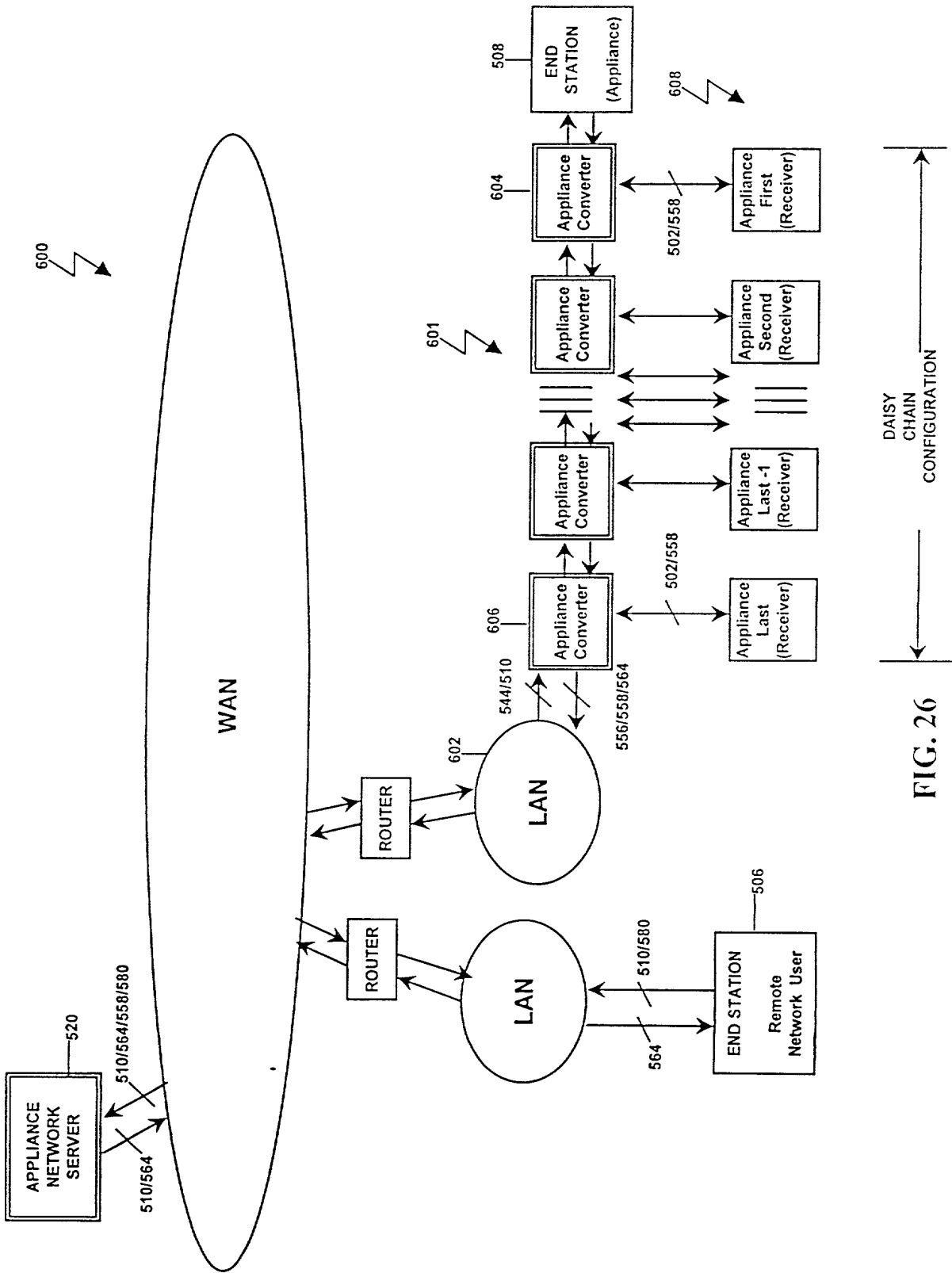


FIG. 26



# DAISY CHAIN NETWORK SEVER CONSTRUCT

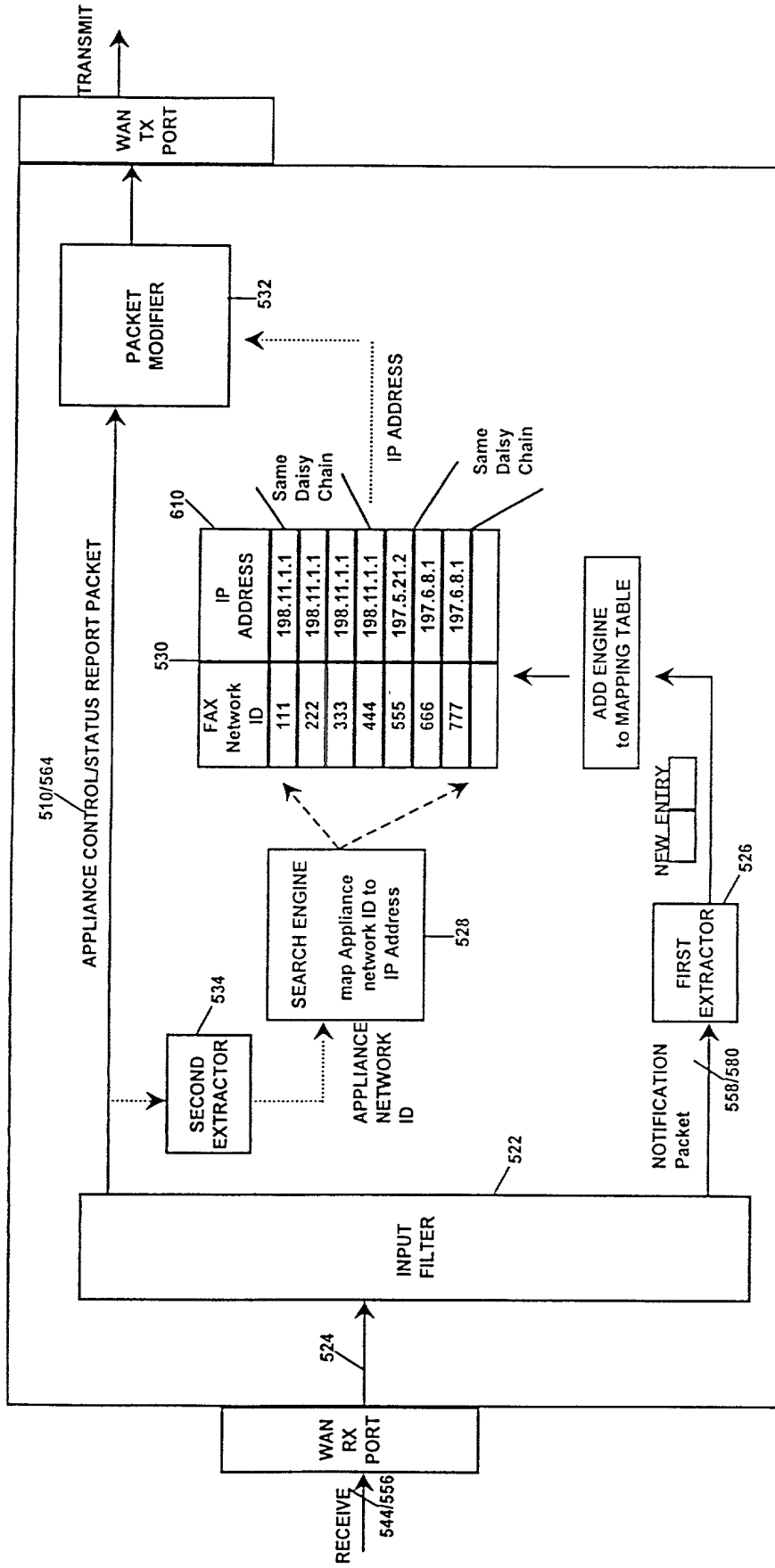


FIG. 27

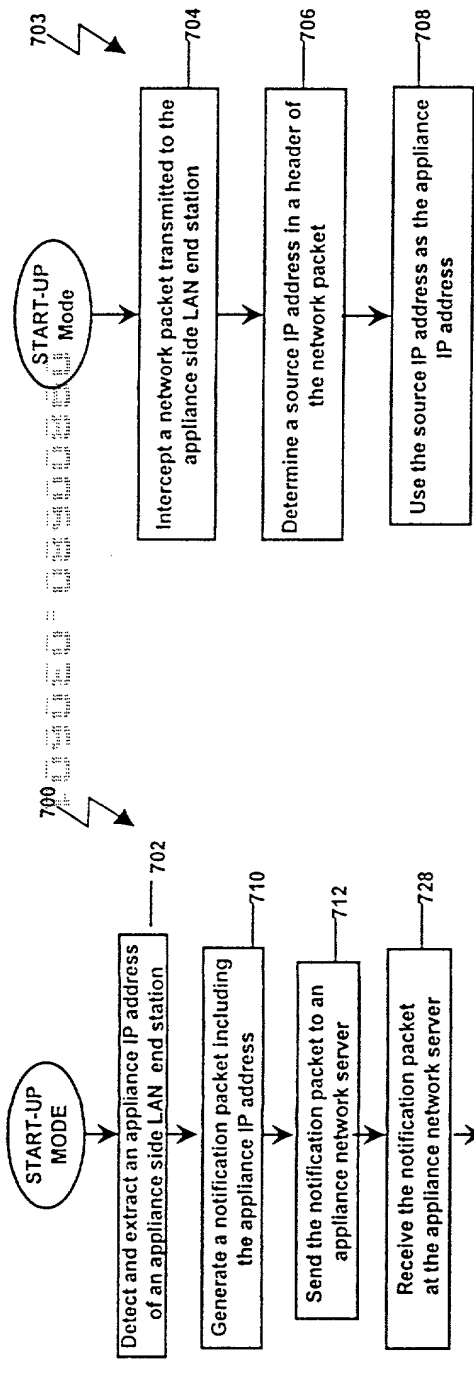


FIG. 28

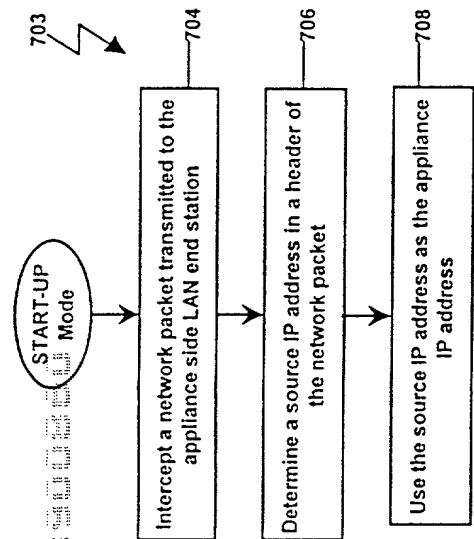
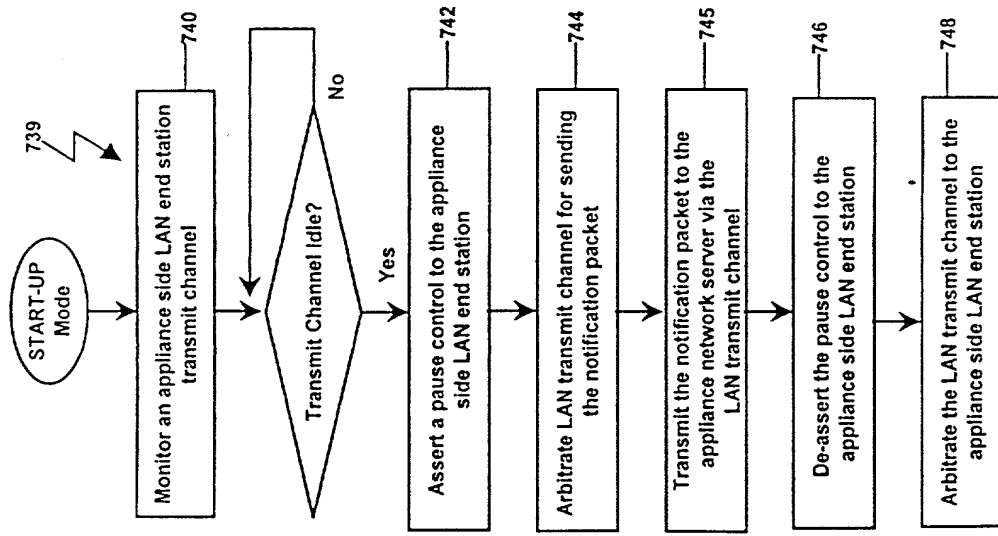
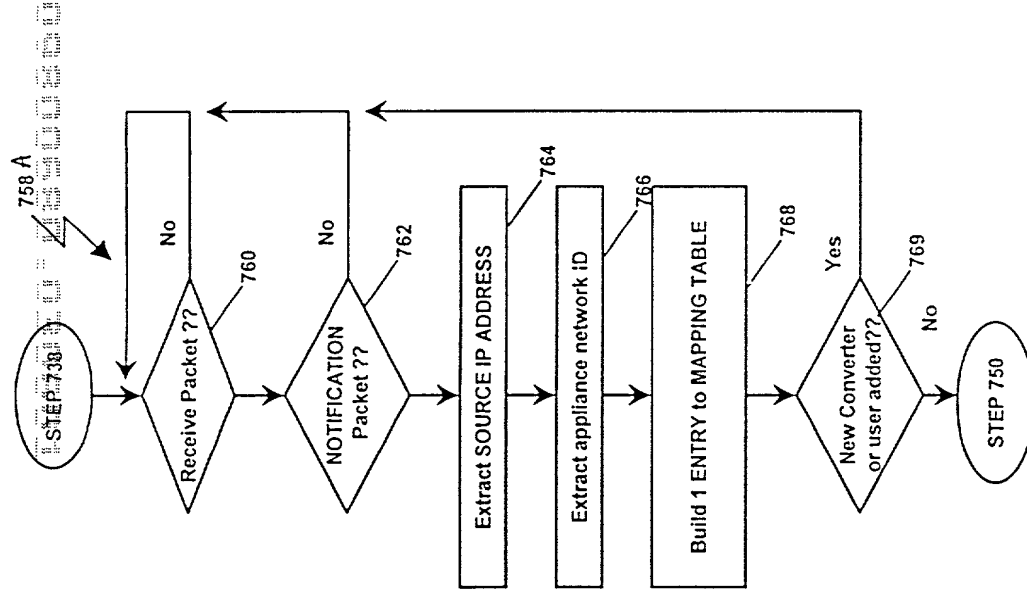


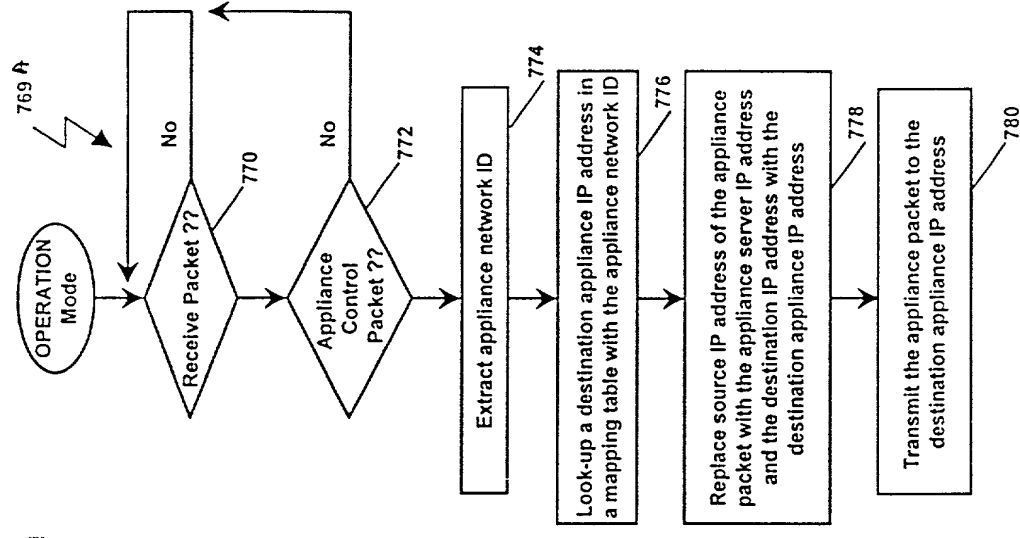
FIG. 29



**FIG. 30**



**FIG. 31A**



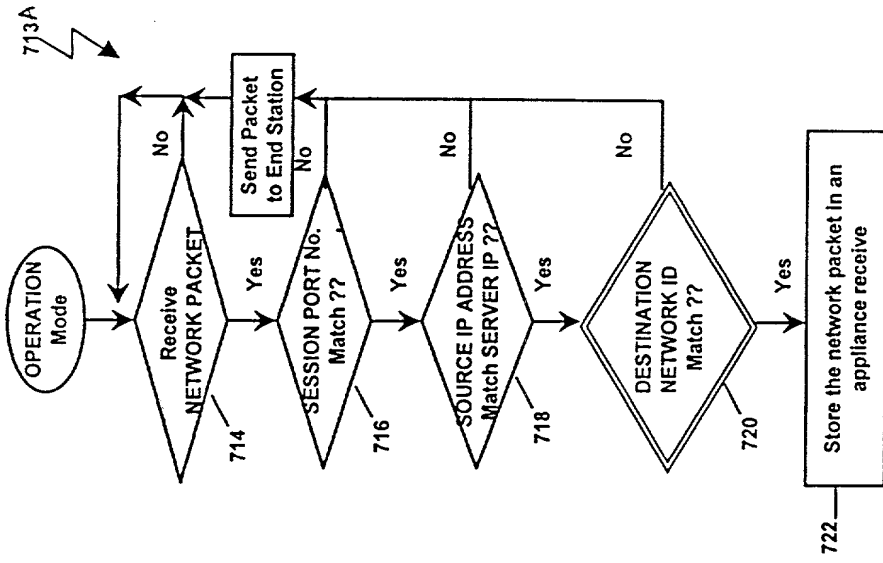


FIG. 33A

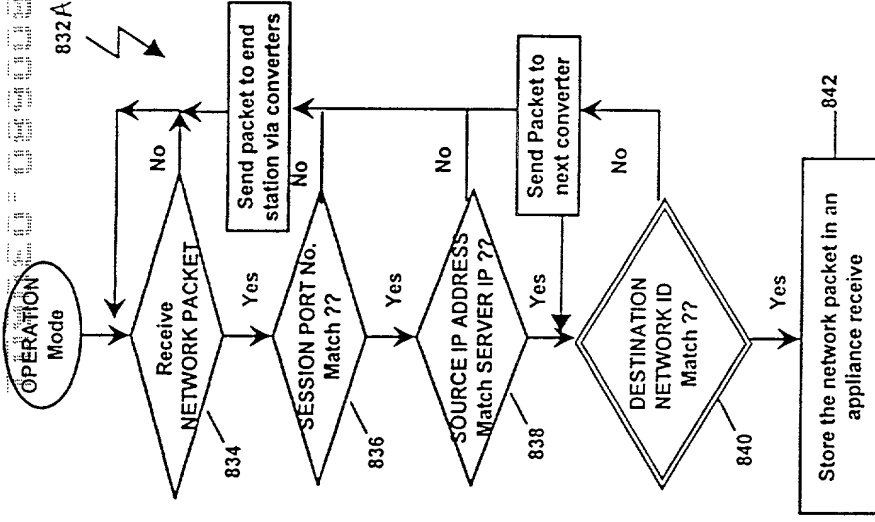
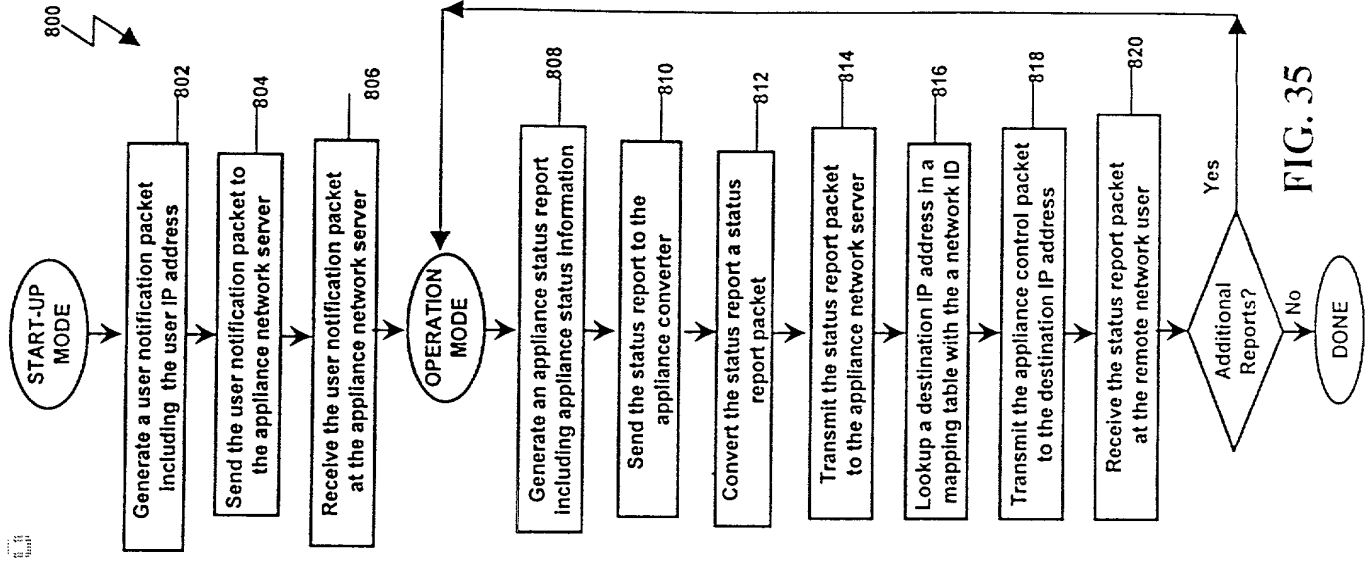


FIG. 34A



# Embedded FAX Network Packet Type Field for Packet Identification and Intercept

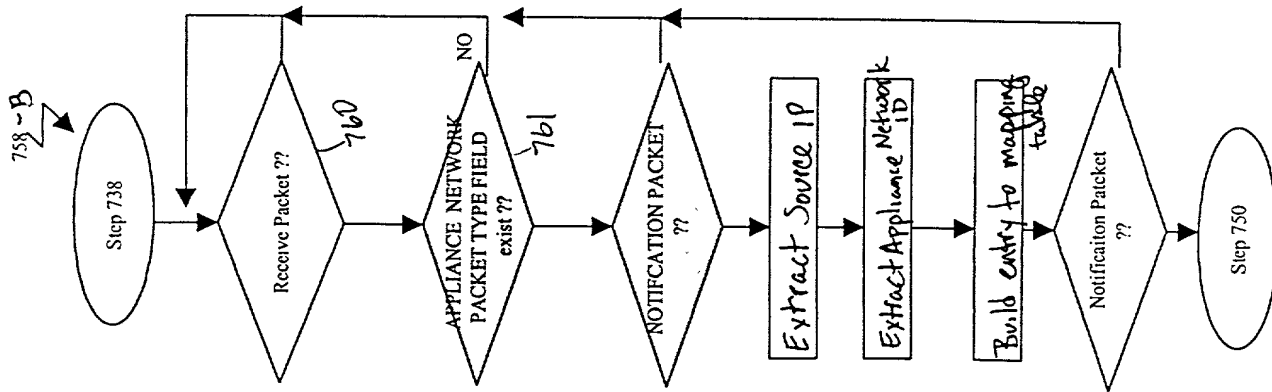


Fig 31B

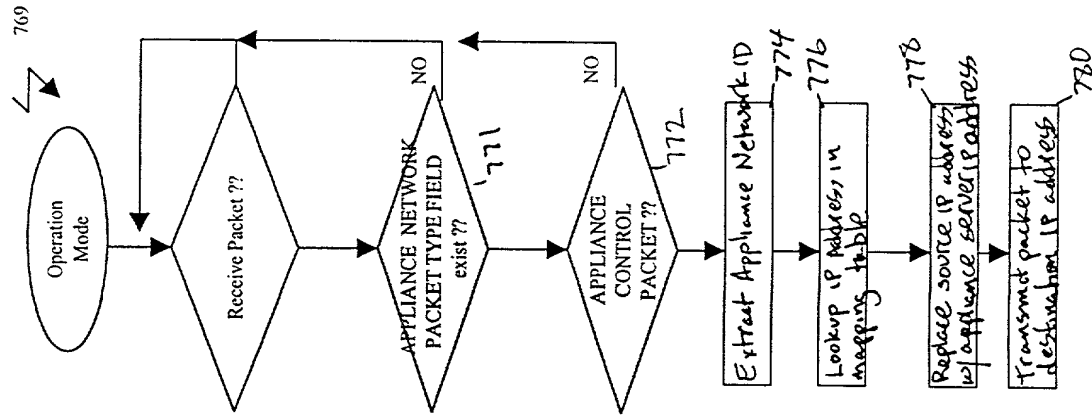


Fig 32B

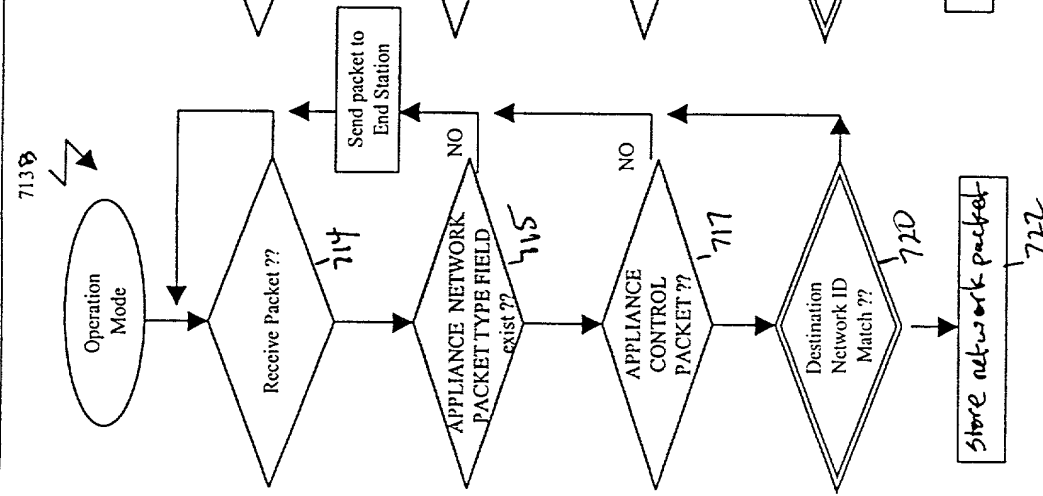


Fig 33B

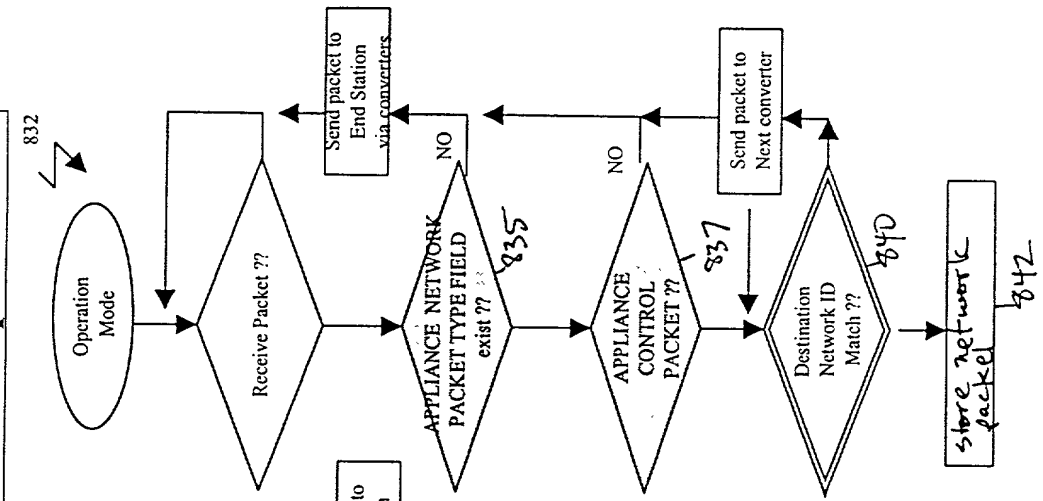
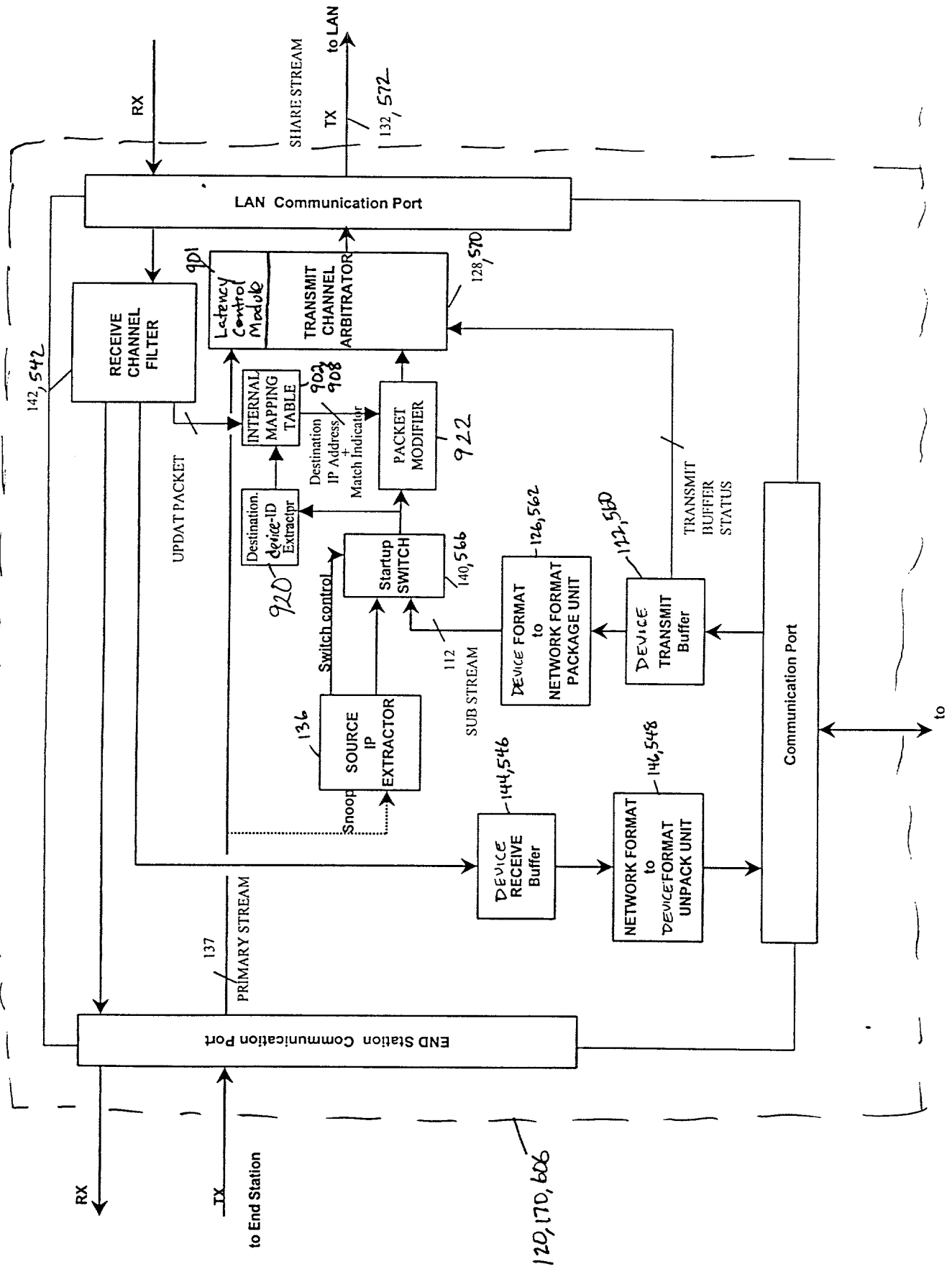
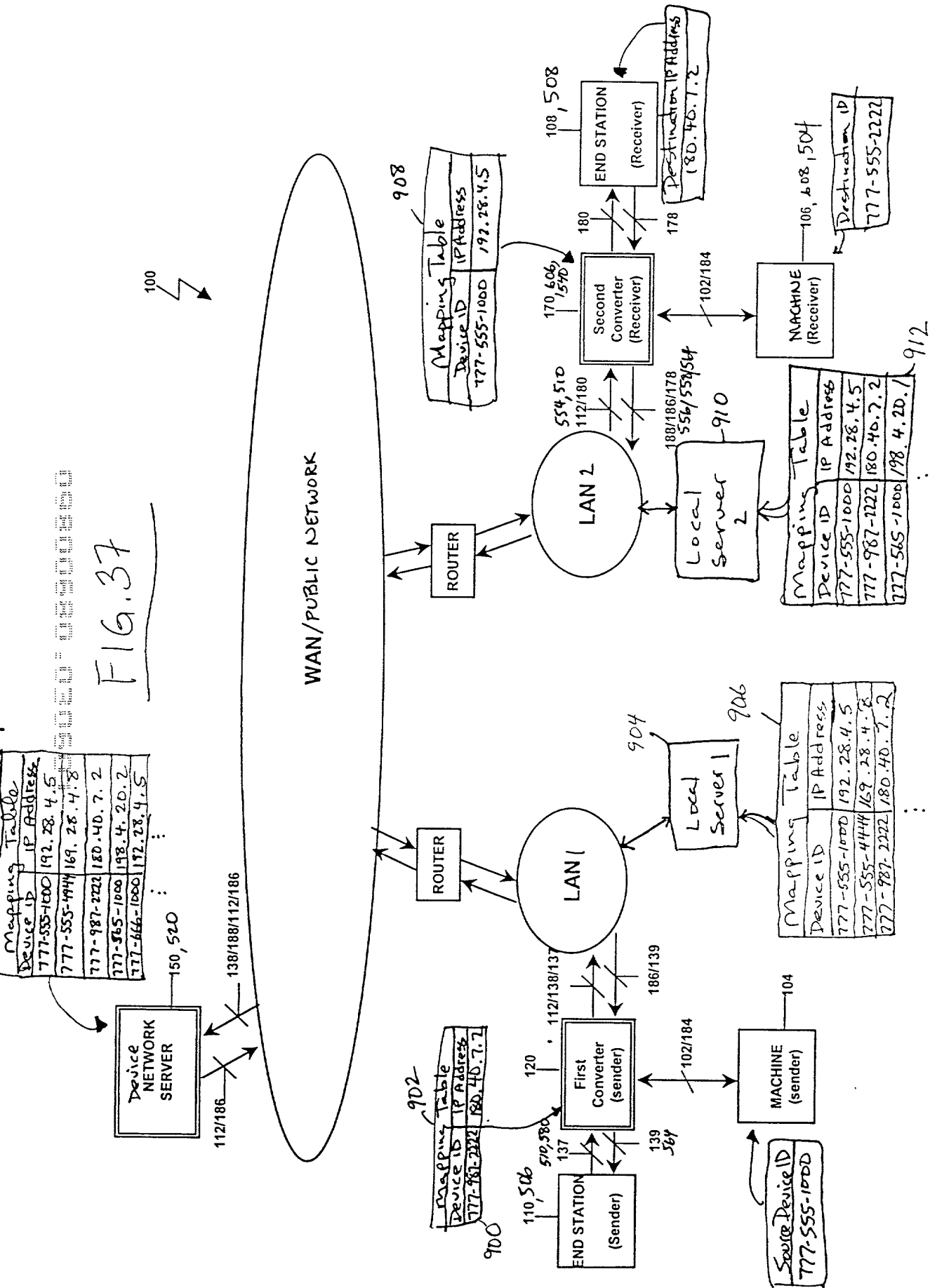


Fig 34B

Fig. 3b





# First/Second Converter (Query and Resolution)

FIG. 38

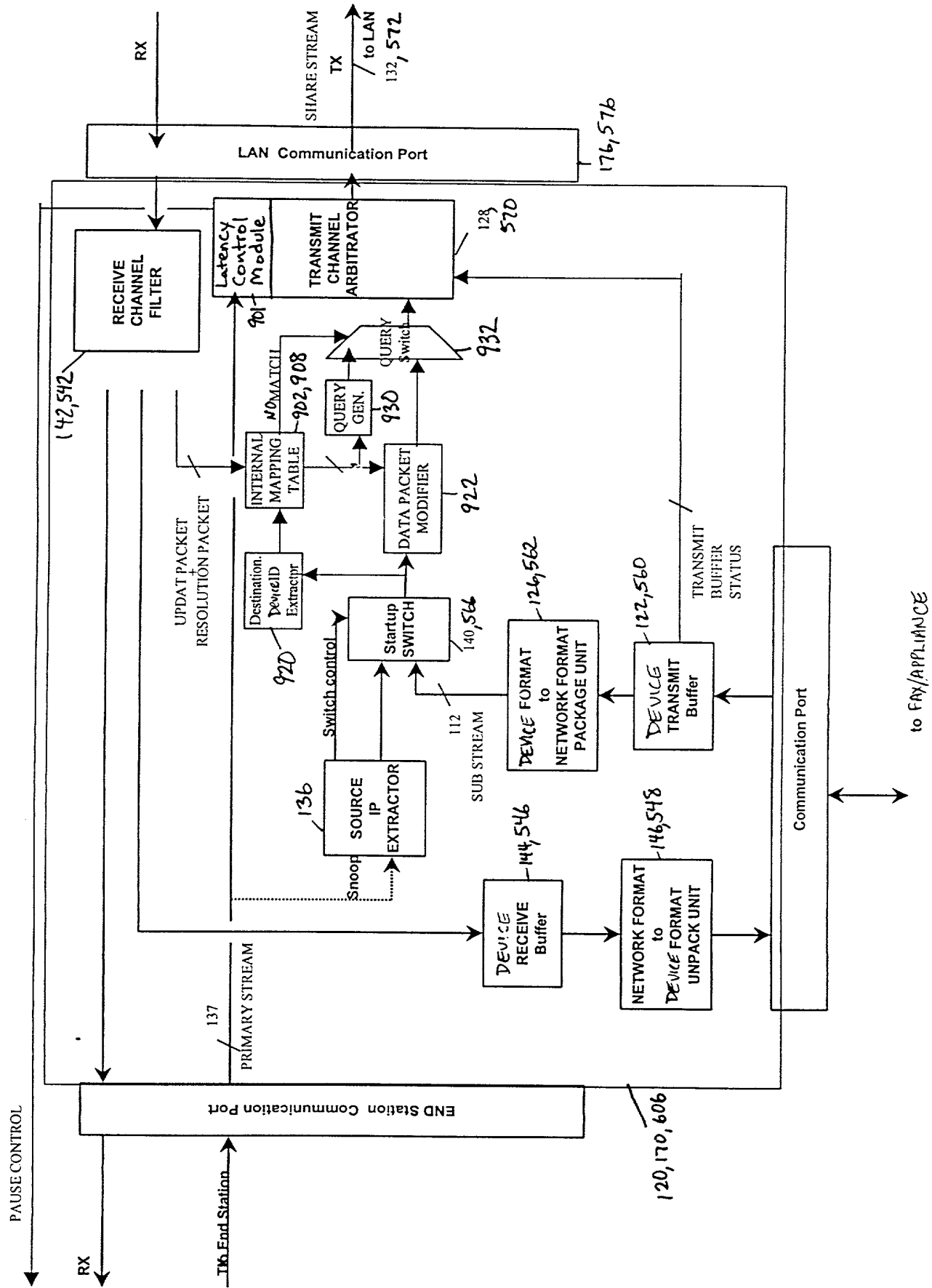




FIG. 39

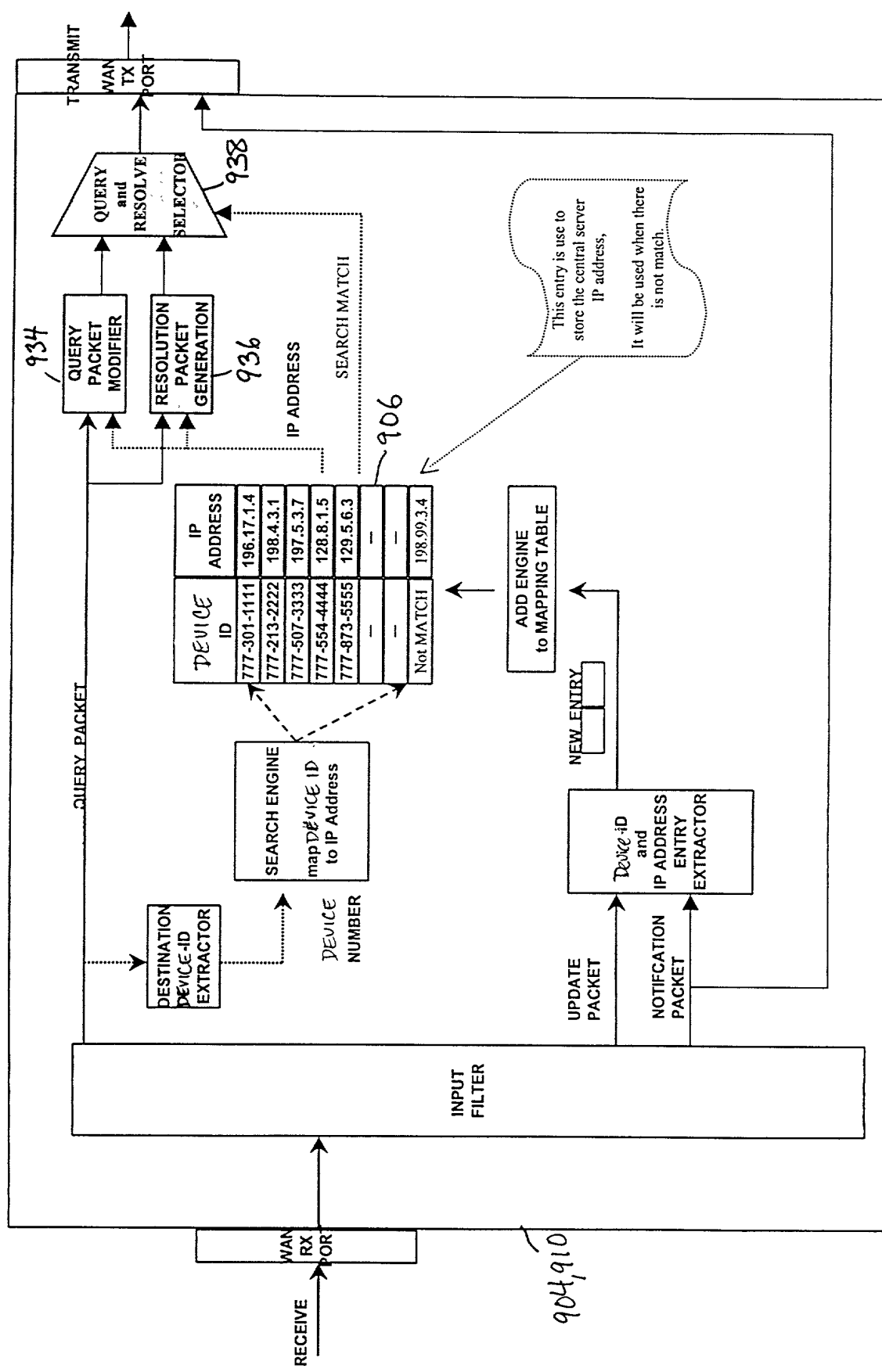
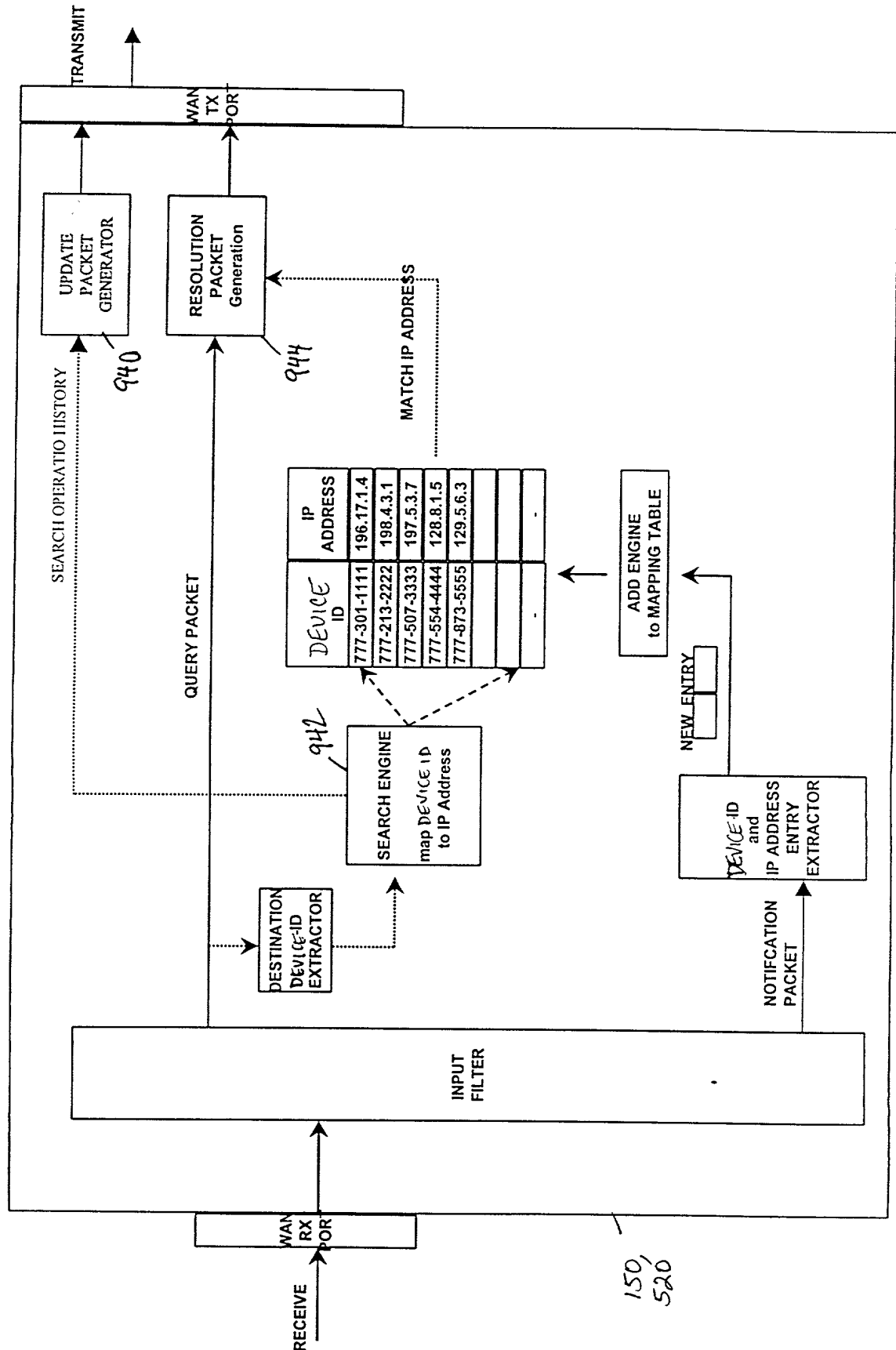


FIG. 40



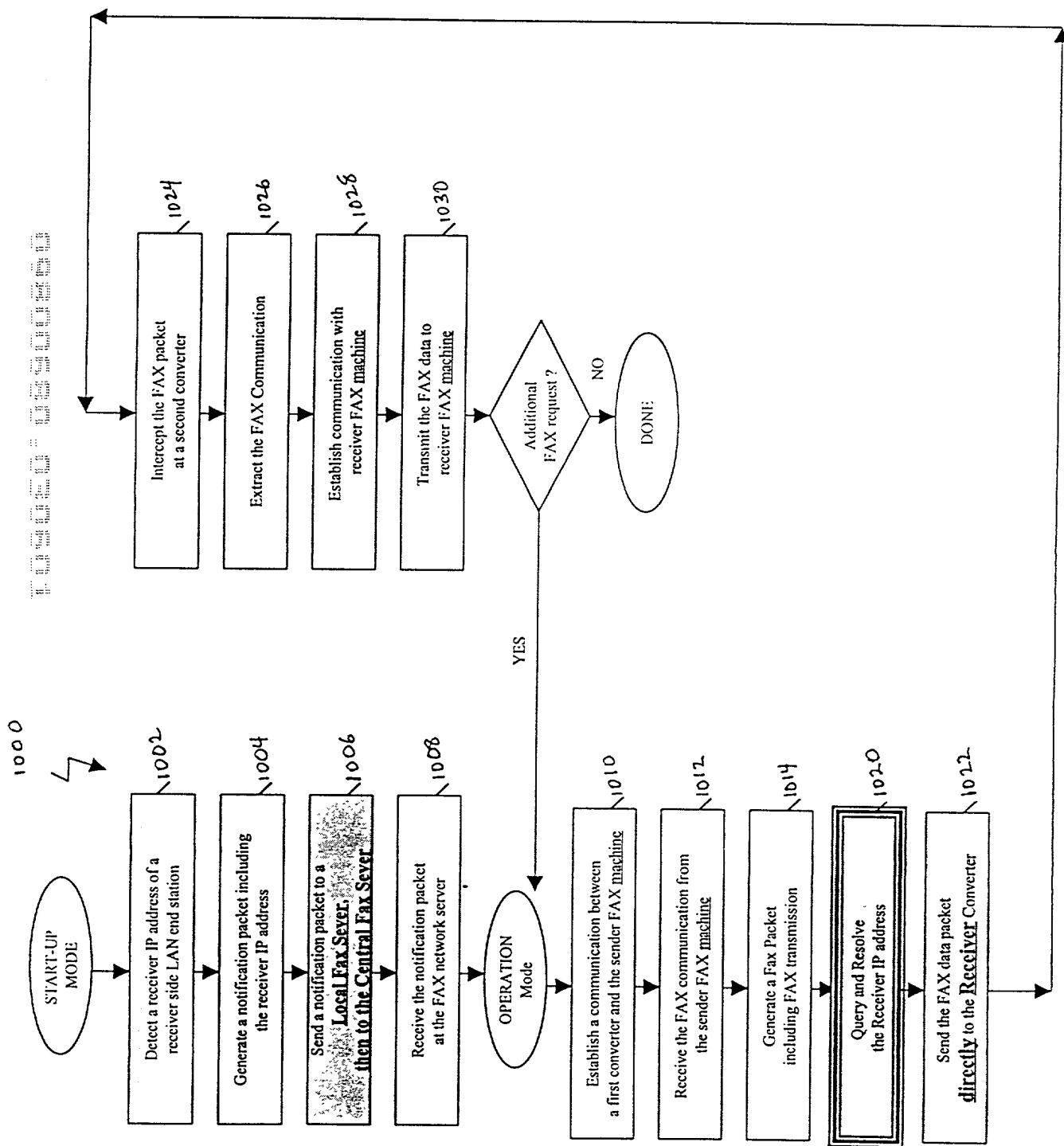


FIG. 41

Query and Resolve the Receiver IP Address

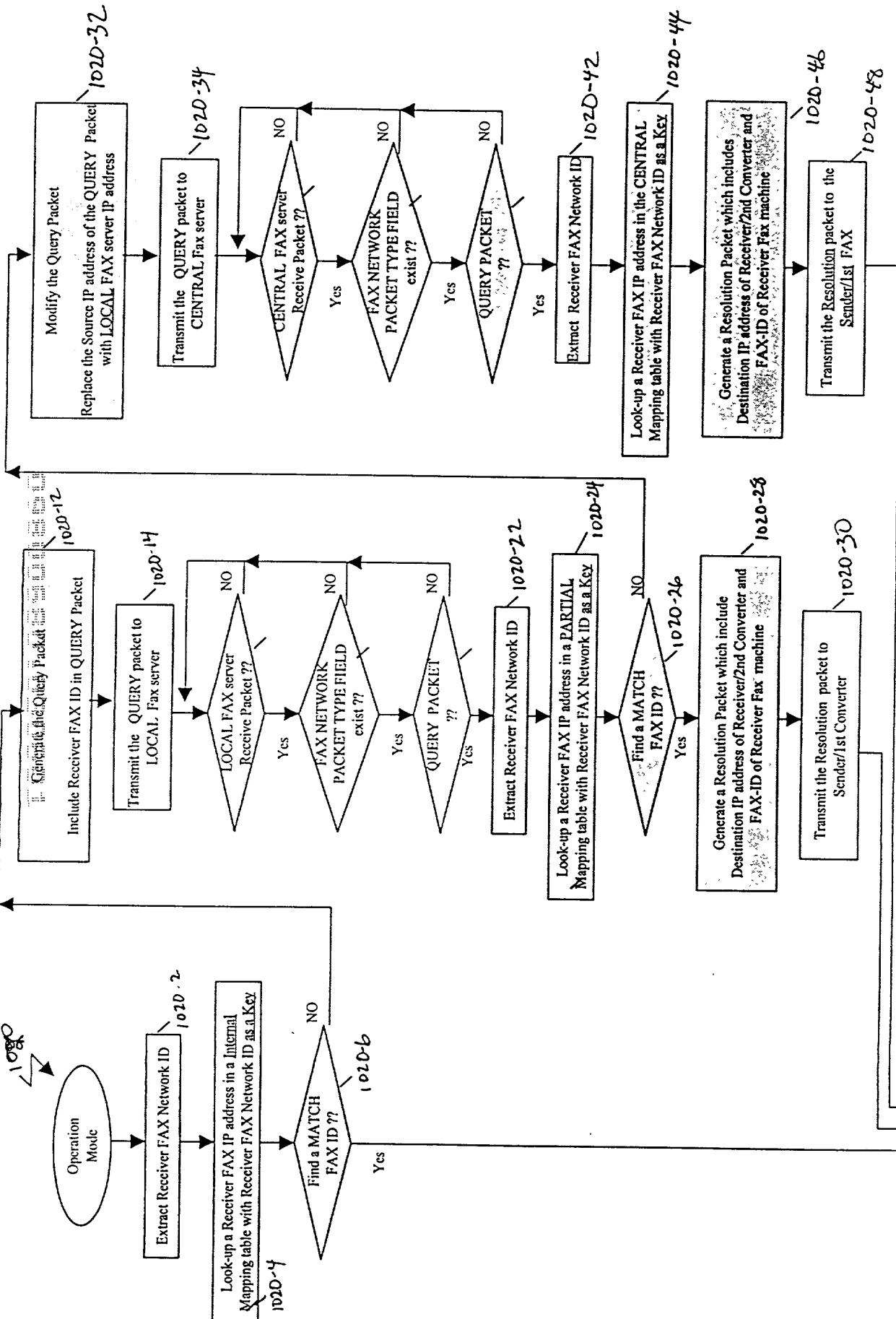


Fig 42